Storm Water Pollution Prevention Plan (SWPPP)

Dollar General Retail Store
6955 Winchester Road Memphis, TN

SITE DESCRIPTION

The site is located at 6955 Winchester Road Memphis, Tennessee. See attached vicinity and quad maps for project location reference. As a result of this development, a total of 1.044 acres will be disturbed. Site disturbance activities include but are not limited to site grading, utility installation, shaping of drainage swale, paving and erection of new building. New slopes will range from 1 to 5 percent with embankments no greater than 3 ft horizontal and 1 ft vertical. The site is currently undeveloped and contains open grassed and wooded areas. No industrial waste will be generated from this site.

See attached hydrologic soil group map from the USDA web soil survey of Shelby County, Tennessee, published by the Natural Resource Conservation Service. This map shows the soil distribution throughout the project site.

No portion of this site lies within the 100-year floodplain or floodway as shown on FEMA map No. 47157C0465F dated September 28, 2007 (see attached FEMA map). The site lies within the City of Memphis Kirby 18-A Drainage Basin. Prior to any disturbance related to this project, the site primarily drains by sheet flow to existing infrastructure and eventually into an unnamed tributary of Nonconnah Creek. Once developed, the site will continue to sheet flow and discharge in nearly the same manner. Runoff toward the southern portion of the site will be diverted utilizing an open channel, wet weather conveyance. All runoff from disturbed areas shall pass through bmps prior to leaving the site.

Erosion control measures intended to be implemented include: stabilized construction exits to prevent offsite tracking of sediment into the public right of way, silt fence within and surrounding the site to prevent the discharge of sediment laden runoff, and wattles to prevent erosion and scouring. Implementation of these BMP's are intended to prevent the discharge of sediment laden runoff from exiting the project site.

This site eventually drains into an unnamed tributary of Nonconnah Creek, identified with waterbody ID TN0801021100720_0999. Per the TN Division of Water Resources map and the TN 303(d) assessment, the water body is not listed as an impaired watercourse.

Erosion prevention and sedimentation control measures will be designed for a 2-year, 24-hour rainfall event (4.01" in west Tennessee area). Upon completion of the site disturbance, the SCS runoff curve number is projected to be 94.

Prior to any activity, the following information will be posted on site: the name and telephone number of the local contact person, a copy of the Notice of Coverage, a brief description of the site and the location of the SWPPP, if it cannot be kept on site.

INTENDED CONSTRUCTION SEQUENCE

Phase 1 –BMP Installation and Site Clearing

1. Place stabilized construction exit.
2. Place silt fence as shown in plans.
3. Place tree protection as required.
4. Begin site clearing.

Phase 2 – Grading/Stabilization and BMP Removal

1. Grade site as required encouraging flow through BMP's.
2. Place wattles as shown in plans.
3. Place building pad as shown in plans.
4. Stabilize disturbed areas as soon as practical with sod, gravel base, soil cement base, asphalt pavement, concrete pavement, building pad or concrete slab.
5. Construct drives, parking lots, curbs and sidewalks as shown in plans.
6. Seed/sod/stabilize disturbed areas with seasonal perennial vegetation that are not stabilized by sod, pavement or building pad.
7. Remove all silt fence, stabilized construction exit and wattles.

During the course of construction as sections and segments of the work are completed, they will be stabilized with sod, gravel base, soil cement base, asphalt pavement, concrete pavement, building pads, concrete slab or permanent vegetation. The silt fence, stabilized construction exit and wattles will be maintained and inspected throughout the construction period. Inspections should occur in accordance with the requirements of the current general permit.

Stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, but in no case more than 14 days after the construction activity in that portion of the site has temporarily or permanently ceased. Except in the following two situations: (i). where the initiation of stabilization measures by the seventh day is precluded by snow cover or frozen ground conditions, stabilization measures shall be initiated as soon as practicable, or (ii). where construction activity on a portion of the site has temporarily ceased, and earth disturbing activities will be resumed within 14 days, temporary

stabilization methods do not have to be initiated on that portion of the site. Permanent stabilization should replace temporary measures as soon as practical.

The sequence of work, as described, should not be construed as a fixed plan but rather, a suggested outline of many schemes that could apply. Due to unforeseen circumstances or circumstances beyond the permittees' control, including, but not limited to; weather, availability and cost of construction materials and labor, accidents, and changes in local, state and federal laws and regulations, this plan is subject to various risks and uncertainties that could cause actual schedules and results to differ materially from anticipated results or other expectations. The ultimate responsibility for the proper functioning of the plan rests with the permittee. The permittee may alter or vary the schedule or plan as the situation or circumstances necessitates based on good judgment and common sense to maintain the plan's intended purpose. It is recommended that if any additional erosion or sediment control measures are required, that the permittee refer to the Current Edition of the *Tennessee Erosion and Sediment Control Handbook* for guidance.

SITE ASSESSMENT

Within a month of construction commencing, a site assessment shall be performed at each outfall. The assessment shall be performed by individuals qualified in accordance with the general permit and will verify the installation, functionality, and performance of the installed erosion control measures. Documentation shall be kept in accordance with the general permit. Refer to section 3.1.2 of the Tennessee *General NPDES Permit for Discharges of Stormwater Associated with Construction Activities* for additional information.

INSPECTIONS AND MAINTENANCE

Inspections will be documented and include the scope of the inspection, name(s) and title(s) or qualifications of personnel making the inspection, the date(s) of the inspection, major observations relating to the escape of any storm water pollutants from the site and of any control device that failed to operate as designed (or proved inadequate for a particular location), and actions taken based on the results of the inspection. Any inadequate control measures or control measures in disrepair will be replaced, modified, or repaired as necessary, before the next rain event (if possible), but in no case more than seven (7) days after the need is identified. If maintenance prior to the next anticipated storm event is impractical, maintenance will be scheduled and accomplished as soon as possible.

Inspections will be performed at least twice every week, with the inspections occurring at least 72 hours apart, by an inspector certified by the completion of the "Fundamentals of Erosion Prevention and Sediment Control Level 1" course or as approved by TDEC. All control measures

will be inspected before anticipated storm events, daily during prolonged events, and within 24 hours after the end of a storm event of 0.5 inches or greater. A rain gauge and daily rainfall records will be maintained on the site.

Sediment will be removed from the silt fences when the design capacity has been reduced by 50%. Sediment removal will be monitored to avoid damage to the silt fence. Any litter and construction debris will be picked up prior to anticipated storm events to eliminate pollution into any downstream systems. Also, once the sediment control measures are no longer needed, they will be removed from the site to prevent any possible pollution by those materials.

Whenever and wherever on-site maintenance and repair of equipment occurs, appropriate measures shall be taken to mitigate sediment laden storm water from entering the existing drainage system. Materials and equipment necessary for spill cleanup will be kept on site; including, but not limited to, brooms, dust pans, mops, gloves, sand, and spill-proof containers. Waste receptacles shall be provided at convenient locations throughout the site; lids shall be secured to prevent trash from blowing or falling out. Frequent, routine collection of the individual receptacles as well as any dumpsters shall occur. No on-site storage of toxic materials is expected to occur on this site. If storage becomes necessary, materials will be stored in tightly sealed, clearly labeled containers with spill kits nearby. Sanitary facilities on-site shall be maintained by outside contractors, who will also dispose of any generated wastes. All sediment tracked, spilled, dropped, or washed into the public right of way will be swept up immediately and shall be replaced within the permit boundary for this site and stabilized. Any muddy water that is pumped from excavation and work areas will be pumped through a dewatering bag to allow only clean water to flow away from the site. Care will be taken to ensure the runoff from the bag does not cause additional erosion. In the event any sediment escapes the site, it must be removed using a method that minimizes the impact on the previously undisturbed area, such as with shovels and buckets. If fugitive sediment reaches a stream designated a water of the state, the State must first be contacted for approval for remediation and/or restoration. Proper maintenance and inspection of all erosion control measures are required throughout the construction period. Inspection should occur in accordance with the requirements of the general permit.

RECORDS AND REPORTING

The inspections will be made as required by the NPDES permit and reported on copies of the Division of Water Resources form provided for that purpose. The report forms will be submitted upon request to the Division. The following records will be maintained on site: the date(s) when major grading activities occur, the date(s) when construction activities temporarily or permanently cease on a portion of the site, the date(s) when stabilization measures are initiated, and inspection records. The permittee will maintain a rain gauge and daily rainfall records at the

site or use a reference site for a record of daily amount of precipitation. The permittee will use the attached form to certify the inspections were performed and whether or not all planned and designed sediment control measures are installed and in working order. The permittee will retain copies of the Storm Water Pollution Prevention Plan and all reports required by the permit, including inspection and rainfall records, and records of all data used to complete the Notice of Intent to be covered by this permit for a period of at least three years from the date the Notice of Termination is filed.

DRAWINGS/ATTACHMENTS

1. Erosion Control Plans
2. Notice of Intent
3. Sample Notice of Termination
4. Sample Inspection Report
5. USDA Soils Report
6. FEMA map number 47157C0465F
7. Vicinity Map
8. Drainage Map
9. USGS Quad Map-Germantown
10. SWPPP Certification

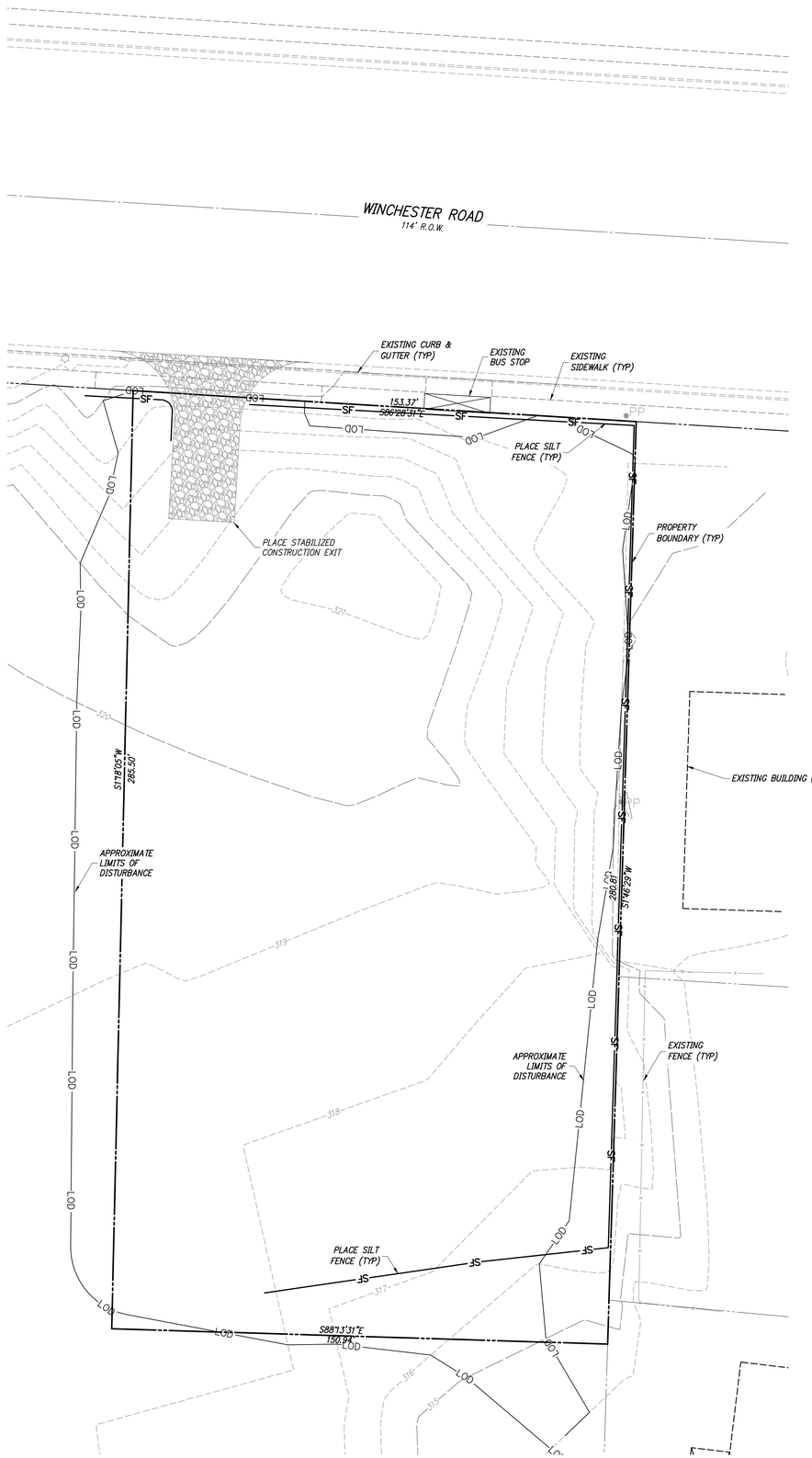
REFERENCE

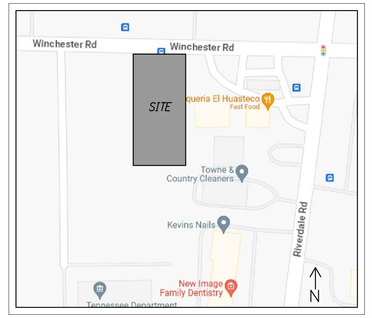
Current Edition of the *Tennessee Erosion and Sediment Control Handbook*

NOTICE OF TERMINATION

When the site has been stabilized and all storm water discharges from construction activities authorized by the permit are eliminated, the permittee will submit a Notice of Termination in accordance with the requirements of the NPDES permit.

PLEASE NOTE THAT A BUILDING PERMIT ISSUED BY THE MEMPHIS/SHELBY COUNTY OFFICE OF CONSTRUCTION CODE ENFORCEMENT DOES NOT ALLOW FOR ALTERING AND/OR IMPROVEMENTS TO ANY RIGHT-OF-WAY (ROW) MAINTAINED BY THE CITY OF MEMPHIS. ALTERATIONS AND/OR IMPROVEMENTS TO THE CITY OF MEMPHIS ROW INCLUDE BUT ARE NOT LIMITED TO WORK PERFORMED ON SIDEWALKS, CURB AND GUTTER, DRIVE APRONS AND UTILITY TIE-INS. ROW PERMITS MUST BE OBTAINED FROM THE MEMPHIS CITY ENGINEERS OFFICE AT (901) 636-6700.





VICINITY MAP
NTS

EROSION CONTROL NOTES:

(A) CLEARING AND GRUBBING MUST BE HELD TO THE MINIMUM NECESSARY FOR GRADING AND EQUIPMENT OPERATION.
(B) CONSTRUCTION MUST BE SEQUENCED TO MINIMIZE THE EXPOSURE TIME OF CLEARED SURFACE AREA.
(C) CONSTRUCTION MUST BE STAGED OR PHASED FOR LARGE PROJECTS. AREAS OF ONE PHASE MUST BE STABILIZED BEFORE ANOTHER PHASE CAN BE INITIATED. STABILIZATION SHALL BE ACCOMPLISHED BY TEMPORARILY OR PERMANENTLY PROTECTING THE DISTURBED SOIL SURFACE FROM RAINFALL IMPACTS AND RUNOFF.
(D) EROSION AND SEDIMENT CONTROL MEASURES MUST BE IN PLACE AND FUNCTIONAL BEFORE EARTH MOVING OPERATIONS BEGIN, AND MUST BE CONSTRUCTED AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. TEMPORARY MEASURES MAY BE REMOVED AT THE BEGINNING OF THE WORK DAY, BUT MUST BE REPLACED AT THE END OF THE WORK DAY.
(E) ALL CONTROL MEASURES SHALL BE CHECKED, AND REPAIRED AS NECESSARY, WEEKLY IN DRY PERIODS AND WITHIN 24 HOURS AFTER ANY RAINFALL OF 0.5 INCHES WITHIN A 24 HOUR PERIOD. DURING PROLONGED RAINFALL, DAILY CHECKING AND REPAIRING IS NECESSARY. THE PERMITTEE SHALL MAINTAIN RECORDS OF CHECKS AND REPAIRS.
(F) A SPECIFIC INDIVIDUAL SHALL BE DESIGNATED TO BE RESPONSIBLE FOR EROSION AND SEDIMENT CONTROLS ON EACH PROJECT SITE.
(G) PRE-CONSTRUCTION VEGETATIVE GROUND COVER SHALL NOT BE DESTROYED, REMOVED OR DISTURBED MORE THAN 10 CALENDAR DAYS PRIOR TO GRADING OR EARTH MOVING.
(H) TO THE EXTENT FEASIBLE, APPROPRIATE COVER SHALL BE APPLIED WITHIN SEVEN DAYS ON AREAS THAT WILL REMAIN UNFINISHED FOR MORE THAN 14 CALENDAR DAYS. EXAMPLES OF COVER ARE GRASS, SOD, STRAW, MULCH, FABRIC MATS, ETC..
(I) PERMANENT SOIL STABILIZATION SHALL BE APPLIED UNIFORMLY AS SOON AS PRACTICABLE AFTER FINAL GRADING.
(J) ALL SURFACE WATER FLOWING TOWARD THE CONSTRUCTION AREA SHALL BE DIVERTED BY USING BERMS, CHANNELS, OR SEDIMENT TRAPS, AS NECESSARY.
(K) EROSION AND SEDIMENT CONTROL MEASURES SHALL BE DESIGNED ACCORDING TO THE SIZE AND SLOPE OF DISTURBED OR DRAINAGE AREAS, TO DETAIN RUNOFF AND TRAP SEDIMENT.
(L) DISCHARGES FROM SEDIMENT BASINS AND TRAPS MUST BE THROUGH A PIPE OR LINED CHANNEL SO THAT THE DISCHARGE DOES NOT CAUSE EROSION.
(M) MUDDY WATER TO BE PUMPED FROM EXCAVATION AND WORK AREAS MUST BE HELD IN SETTLING BASINS OR TREATED BY FILTRATION PRIOR TO ITS DISCHARGE INTO SURFACE WATERS. WATER MUST BE DISCHARGED THROUGH A PIPE OR LINED CHANNEL SO THAT THE DISCHARGE DOES NOT CAUSE EROSION AND SEDIMENTATION.
(N) THERE SHALL BE NO DISTINCTLY VISIBLE FLOATING SCUM, OIL OR OTHER MATTER CONTAINED IN THE STORM WATER DISCHARGE.
(O) THE STORM WATER DISCHARGE MUST RESULT IN NO MATERIALS IN CONCENTRATIONS SUFFICIENT TO BE HAZARDOUS OR OTHERWISE DETRIMENTAL TO HUMANS, LIVESTOCK, WILDLIFE, PLANT LIFE, OR FISH AND AQUATIC LIFE IN THE RECEIVING STREAM.
(P) SILT FENCE SHALL BE PLACED AT THE TOE OF SLOPES.
(Q) ALL SEED SHALL BE UNIFORM THROUGHOUT THE ENTIRE SITE AND SHALL MEET THE REQUIREMENTS OF THE LATEST EDITION OF THE "TENNESSEE EROSION & SEDIMENT CONTROL HANDBOOK" BY THE "TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION" (TDEC).
(R) IN ACCORDANCE WITH THE SHELBY COUNTY MS4 PERMIT, ALL STATE/NPDES PERMITS ARE REQUIRED TO HAVE BEEN OBTAINED BEFORE START-UP OF ANY CONSTRUCTION ACTIVITY, INCLUDING BUT NOT LIMITED TO LAND AND AQUATIC RESOURCE DISTURBANCE.
(S) EROSION CONTROL MEASURES SHALL BE MAINTAINED AT ALL TIMES AND SHALL MEET THE REQUIREMENTS OF THE LATEST EDITION OF THE "TENNESSEE EROSION & SEDIMENT CONTROL HANDBOOK" BY THE "TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION" (TDEC). IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCES.
(T) THE CONTRACTOR SHALL COORDINATE THE PHASING OF THIS PROJECT WITH THE DEVELOPER.
(U) PROVIDE A CONCRETE WASHOUT FACILITY TO PREVENT OR REDUCE THE DISCHARGE OF POLLUTANTS TO STORMWATER FROM CONCRETE WASTE. CONCRETE WASHOUT STATION SHALL BE DESIGNED AND PLACED IN ACCORDANCE WITH THE LATEST EDITION OF THE "TENNESSEE EROSION & SEDIMENT CONTROL HANDBOOK" BY THE "TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION" (TDEC).
(V) CONTRACTOR TO REVIEW ALL SWPPP DOCUMENTS PRIOR TO CONSTRUCTION.
(W) SOLID SOD NEW BANKS STEEPER THAN 5:1 AND COMPACT TO A SMOOTH AND UNIFORM SURFACE FREE OF ROCKS, CLODS AND VEGETATION. PIN ALL SOD IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.

REPORTING AND RECORDKEEPING REQUIREMENTS

(A) THE PERMITTEE SHALL MAINTAIN RECORDS OF CHECKS AND REPAIR ON SITE OR AT A NEARBY OFFICE.
(B) RECORDS AND INFORMATION RESULTING FROM THE MONITORING ACTIVITIES REQUIRED BY THIS RULE SHALL BE RETAINED FOR A MINIMUM OF THREE (3) YEARS, OR LONGER IF REQUESTED BY THE DIVISION OF WATER POLLUTION CONTROL.
(C) KNOWINGLY MAKING ANY FALSE STATEMENT ON ANY REPORT REQUIRED BY THIS RULE MAY RESULT IN THE IMPOSITION OF CRIMINAL PENALTIES AS PROVIDED FOR IN SECTION 309 OF THE FEDERAL WATER POLLUTION CONTROL ACT AND IN SECTION 69-3-115 OF THE TENNESSEE WATER QUALITY CONTROL ACT.

PHASE 1 - BMP INSTALLATION AND SITE CLEARING

1. PLACE STABILIZED CONSTRUCTION EXIT
2. PLACE SILT FENCE AS SHOWN
3. PLACE TREE PROTECTION AS REQUIRED
4. BEGIN SITE CLEARING

NOTE:
AREAS OF STABILIZATION INCLUDE AREAS THAT HAVE SOD, GRAVEL BASE, SOIL CEMENT BASE, PAVEMENT AREAS, CONCRETE PAVEMENT, BUILDINGS OR A CONCRETE SLAB.

NOTE:
PROVIDE DUST CONTROL AND PREVENT CONSTRUCTION DEBRIS FROM AFFECTING AREAS OUTSIDE OF THE PROJECT LIMITS. PHASE CONSTRUCTION ACTIVITIES IN ORDER TO HAVE MINIMAL IMPACT ON SITE TRAFFIC CIRCULATION AND DEBRIS ACCUMULATION. REMOVE EROSION CONTROL MEASURES ONCE CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED.

NOTE:
REMOVE ALL TEMPORARY EROSION CONTROL MEASURES UPON PROJECT COMPLETION. ALL AREAS MUST BE STABILIZED UPON PROJECT COMPLETION.

DISTURBED AREA = 1.035 AC

100-YEAR FLOODZONE INFORMATION:
NO PORTION OF THIS PROPERTY LIES WITHIN THE 100-YEAR FLOODPLAIN OR FLOODWAY AS SHOWN ON FEMA MAP NUMBER 47157C0465F DATED SEPTEMBER 28, 2007 FOR SHELBY COUNTY, TN.
BASE FLOOD ELEVATION: ±287

THIS SITE LIES WITHIN THE NS-10 SEWER BASIN
THIS SITE LIES WITHIN THE KIRBY 18-A DRAINAGE BASIN

CITY BENCHMARK #401
KIRBY PARKWAY & WINCHESTER RD.
MAP & BLK: 149-E
CITY MONUMENT IS LOCATED ON THE SE COR., AT B/CURB AT W. END OF A TWIN 6-72 INLET, 25' E. OF ER ON WINCHESTER SIDE.
ELEVATION: 304.44

CONTRACTOR TO VERIFY SITE CONDITIONS AND EXISTING ELEMENTS PRIOR TO CONSTRUCTION. IF ANY DISCREPANCIES EXIST, NOTIFY THE ENGINEER OF RECORD PRIOR TO PROCEEDING WITH DEMOLITION/CONSTRUCTION.

Tennessee 811 Know what's below. Call before you dig.
TENNESSEE ONE CALL SYSTEM, INC. 811 OR 1-800-351-1111 STOP. CALL BEFORE YOU DIG!

TENNESSEE NPDES PERMIT FOR STORM WATER DISCHARGE
EFFECTIVE DATE _____
TRACKING NO. _____

The Reaves Firm
Engineering
Planning
Landscape Architecture
Land Surveying
6800 Poplar Avenue, Suite 101 Memphis, TN 38138
901.761.2016 Fax: 901.763.2847
www.ReavesFirm.com

REVISION		
ITEM NO.	DESCRIPTION of CHANGE	APPROVAL DATE

TRENT G. HARRELL — REGISTERED ENGINEER — AGRICULTURE — NO. 121895 — STATE OF TENNESSEE

DOLLAR GENERAL
WINCHESTER-GERMANTOWN SC-1 PHASE 9
DEVELOPER: JERROLD PEDIGO REALTY & CONSTRUCTION
ENGINEER: THE REAVES FIRM, INC.

North
20 0 20
GRAPHIC SCALE IN FEET
SCALE: 1"=20'

C5.0
1 OF 3

DIVISION OF ENGINEERING

EROSION CONTROL PLAN PHASE 1

DOLLAR GENERAL
6955 WINCHESTER ROAD
MEMPHIS, TENNESSEE

SURVEY TRF, INC. DATE 04/23 BOOK _____
DESIGN BY TRF, INC. DATE 09/23 SCALE 1"=20'
REVIEWED
DEPUTY CITY ENGINEER DATE CITY ENGINEER DATE

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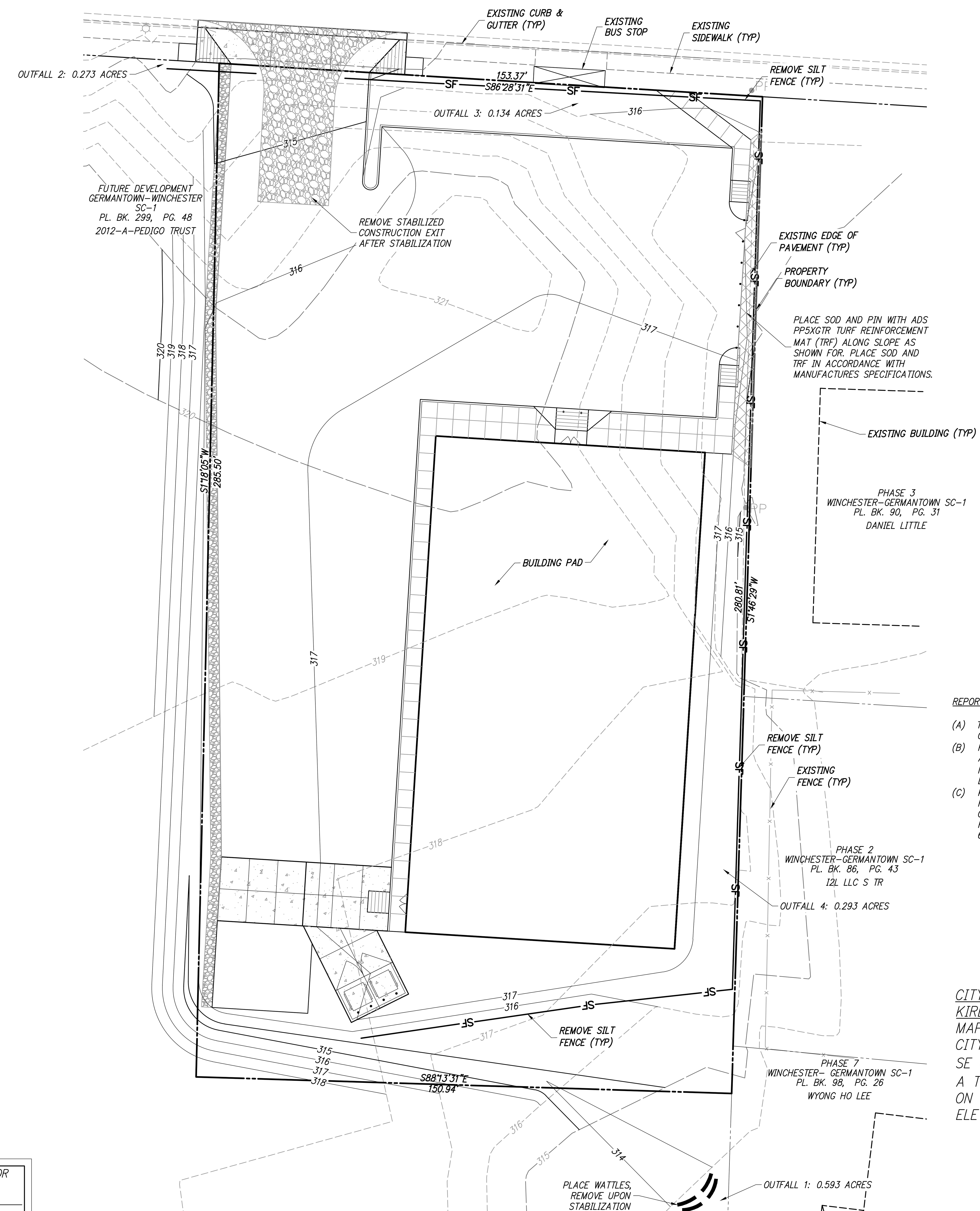

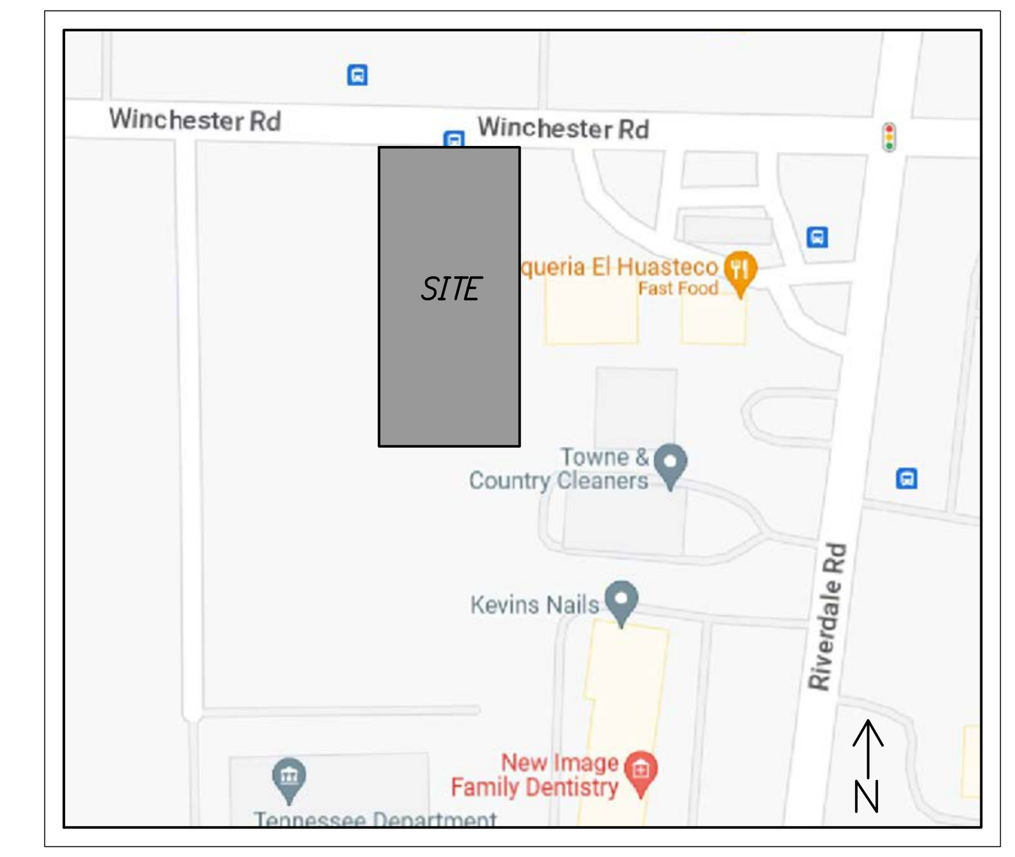

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PHASE 2 - GRADING/STABILIZATION AND BMP REMOVAL

1. GRADE SITE AS REQUIRED ENCOURAGING FLOW THROUGH BMP'S
2. PLACE WATTLES AS SHOWN
3. PLACE BUILDING PAD AS SHOWN
4. STABILIZE DISTURBED AREAS AS SOON AS PRACTICAL WITH SOD, GRAVEL BASE, SOIL CEMENT BASE, ASPHALT PAVEMENT, CONCRETE PAVEMENT, BUILDING PAD OR CONCRETE SLAB
5. CONSTRUCT DRIVES, PARKING LOTS, CURBS AND SIDEWALKS AS SHOWN
6. SEED/SOD/STABILIZE ALL DISTURBED AREAS WITH SEASONAL PERENNIAL VEGETATION THAT ARE NOT STABILIZED BY SOD, PAVEMENT OR BUILDING PAD
7. REMOVE ALL SILT FENCE, STABILIZED CONSTRUCTION EXIT AND WATTLES.

REPORTING AND RECORDKEEPING REQUIREMENTS

(A) THE PERMITTEE SHALL MAINTAIN RECORDS OF CHECKS AND REPAIRS ON SITE OR AT A NEARBY OFFICE.
(B) RECORDS AND INFORMATION RESULTING FROM THE MONITORING ACTIVITIES REQUIRED BY THIS RULE SHALL BE RETAINED FOR A MINIMUM OF THREE (3) YEARS, OR LONGER IF REQUESTED BY THE DIVISION OF WATER POLLUTION CONTROL.
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AREAS OF STABILIZATION INCLUDE AREAS THAT HAVE SOD, GRAVEL BASE, SOIL CEMENT BASE, PAVEMENT AREAS, CONCRETE PAVEMENT, BUILDINGS OR A CONCRETE SLAB.

NOTE:
PROVIDE DUST CONTROL AND PREVENT CONSTRUCTION DEBRIS FROM AFFECTING AREAS OUTSIDE OF THE PROJECT LIMITS. PHASE CONSTRUCTION ACTIVITIES IN ORDER TO HAVE MINIMAL IMPACT ON SITE TRAFFIC CIRCULATION AND DEBRIS ACCUMULATION. REMOVE EROSION CONTROL MEASURES ONCE CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED.

NOTE:
REMOVE ALL TEMPORARY EROSION CONTROL MEASURES UPON PROJECT COMPLETION. ALL AREAS MUST BE STABILIZED UPON PROJECT COMPLETION.

DISTURBED AREA = 1.035 AC

100-YEAR FLOODZONE INFORMATION:
NO PORTION OF THIS PROPERTY LIES WITHIN THE 100-YEAR FLOODPLAIN OR FLOODWAY AS SHOWN ON FEMA MAP NUMBER 47157C0465F DATED SEPTEMBER 28, 2007 FOR SHELBY COUNTY, TN.
BASE FLOOD ELEVATION: ±287

THIS SITE LIES WITHIN THE NS-10 SEWER BASIN
THIS SITE LIES WITHIN THE KIRBY 18-A DRAINAGE BASIN

CITY BENCHMARK #401
KIRBY PARKWAY & WINCHESTER RD.
MAP & BLK: 149-E
CITY MONUMENT IS LOCATED ON THE SE COR., AT B/CURB AT W. END OF A TWIN 6-72 INLET, 25' E. OF ER ON WINCHESTER SIDE.
ELEVATION: 304.44

CONTRACTOR TO VERIFY SITE CONDITIONS AND EXISTING ELEMENTS PRIOR TO CONSTRUCTION. IF ANY DISCREPANCIES EXIST, NOTIFY THE ENGINEER OF RECORD PRIOR TO PROCEEDING WITH DEMOLITION/CONSTRUCTION.

Tennessee 811 Know what's below. Call before you dig.
TENNESSEE ONE CALL SYSTEM, INC. 1-800-351-1111 STOP CALL BEFORE YOU DIG!

TENNESSEE NPDES PERMIT FOR STORM WATER DISCHARGE
EFFECTIVE DATE ______
TRACKING NO. ______

The Reaves Firm
Engineering
Planning
Landscape Architecture
Land Surveying
6800 Poplar Avenue, Suite 101 Memphis, TN 38138
901.761.2016 Fax 901.763.2847
www.ReavesFirm.com

REVISION		
ITEM NO.	DESCRIPTION of CHANGE	APPROVAL DATE

TRENT G. HARRELL REGISTERED ENGINEER AGRICULTURE COMMERCE NO. 121598 STATE OF TENNESSEE
09/15/23

GRAPHIC SCALE IN FEET
SCALE: 1"=20'

C5.1

2 OF 3

DIVISION OF ENGINEERING

EROSION CONTROL PLAN PHASE 2

DOLLAR GENERAL
6955 WINCHESTER ROAD
MEMPHIS, TENNESSEE

DOLLAR GENERAL
WINCHESTER-GERMANTOWN SC-1 PHASE 9
DEVELOPER: JERROLD PEDIGO REALTY & CONSTRUCTION
ENGINEER: THE REAVES FIRM, INC.

SURVEY TRF, INC. DATE 04/23 BOOK ______
DESIGN BY TRF, INC. DATE 09/23 SCALE 1"=20'
REVIEWED
DEPUTY CITY ENGINEER ______ DATE ______ CITY ENGINEER ______ DATE ______

trent 24x36 Z:\2023\23-0088 Winchester Rd South Side, West of Riverdale - Dollar General\02 Civil\C5.0.dwg Feb 22, 2024 - 7:33am

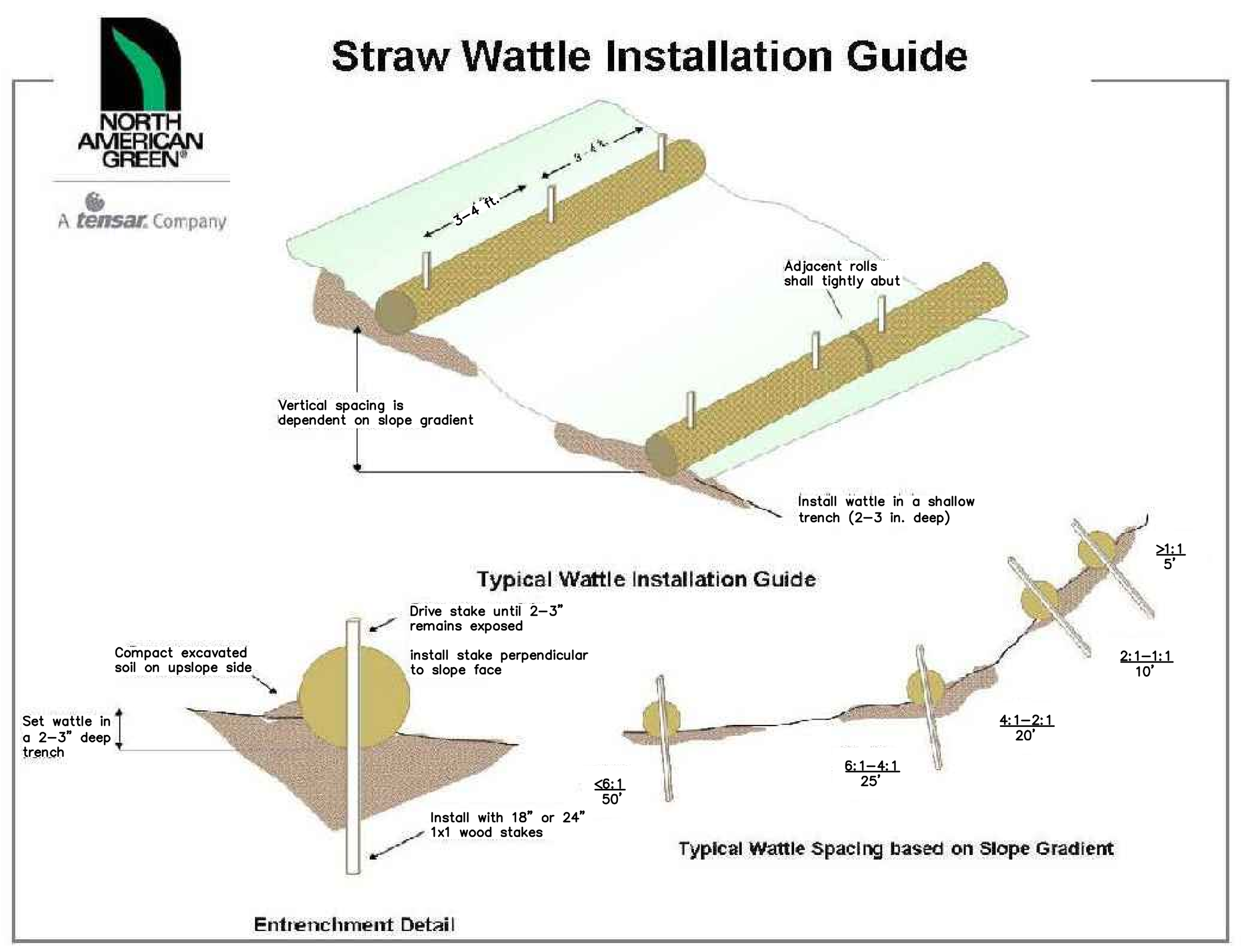


Figure 7.37-1 Wattle Stake Installation

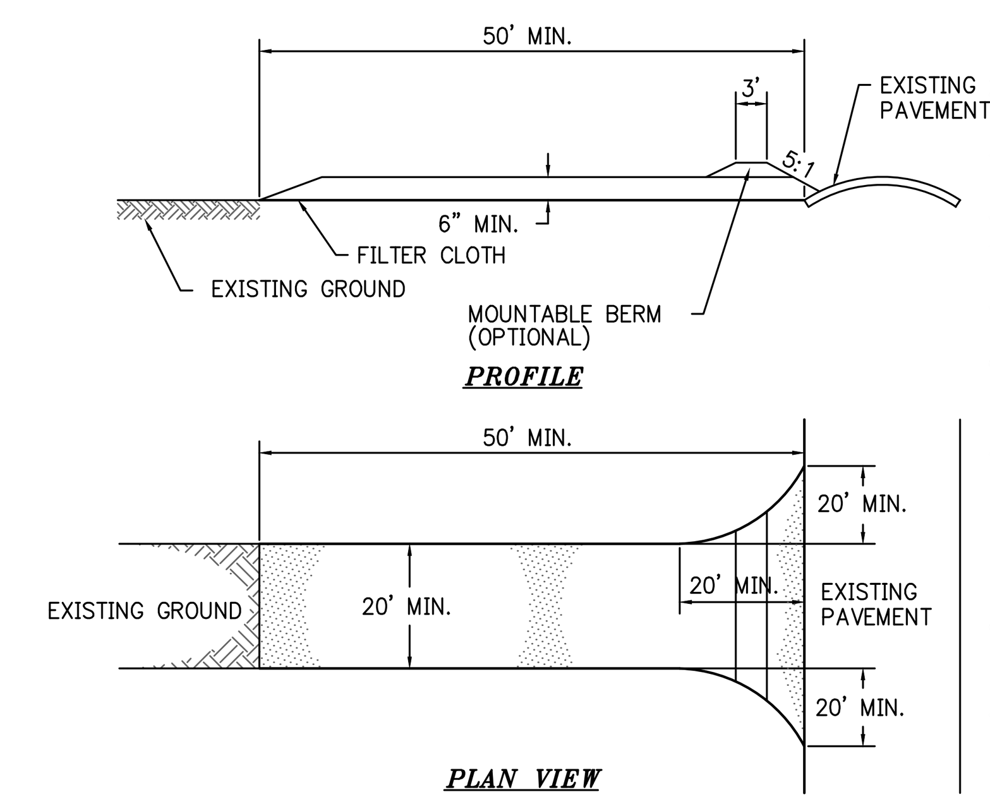
STRAW WATTLE

CONSTRUCTION SPECIFICATIONS:

1. REMOVE ALL ROCKS, CLODS, VEGETATION OR OTHER OBSTRUCTIONS SO INSTALLED WATTLES HAVE DIRECT CONTACT WITH THE UNDERLYING SOIL OR SURFACE.
2. INSTALL WATTLE BY LAYING THEM FLAT ON THE GROUND. EXCAVATE A SMALL TRENCH 2"–3" IN DEPTH ON THE CONTOUR AND PERPENDICULAR TO WATER FLOW. SOIL FROM THE EXCAVATION SHOULD BE STORED CLOSE BY FOR USE AFTER THE WATTLE HAS BEEN SETTLED.
3. INSTALL WATTLES SO NO GAPS EXIST BETWEEN THE SOIL AND THE BOTTOM OF THE WATTLE. LAP THE ENDS OF ADJACENT WATTLES A MINIMUM OF 6" TO PREVENT FLOW AND SEDIMENT FROM PASSING THROUGH THE FIELD JOINT.
4. WOODEN STAKES SHOULD BE USED TO FASTEN THE WATTLES TO THE SOIL.
5. DRIVE WOODEN STAKES THROUGH WATTLE AND ANGLED SLIGHTLY AGAINST THE DIRECTION OF FLOW AS SHOWN. INSTALL WOODEN STAKES AT 4' INTERVALS, UNLESS THE WATTLE MANUFACTURER SPECIFIES OTHERWISE, LEAVING LESS THAN 1"–2" OF STAKE EXPOSED ABOVE THE WATTLE. ALTERNATELY, STAKES MAY BE PLACED ON EACH SIDE OF THE WATTLE TYING ACROSS WITH A NATURAL FIBER TWINE OR STAKING IN A CROSSING MANNER ENSURING DIRECT SOIL CONTACT AT ALL TIMES.
6. TERMINAL ENDS OF WATTLES MAY BE DOG LEGGED UP SLOPE TO ENSURE CONTAINMENT AND PREVENT CHANNELING OF SEDIMENTATION.
7. BACKFILL THE UP–SLOPE LENGTH OF THE WATTLE WITH THE EXCAVATED SOIL AND COMPACT.
8. WHERE LONG ROWS ARE REQUIRED ON A SLOPE, THE ENDS OF INDIVIDUAL TUBE SEGMENTS SHOULD BE OVERLAPPED AS SHOWN. WATTLE NETTING SHOULD BE KNITTED MATERIAL WITH ⅛" TO ⅜" OPENINGS AND MADE OF PHOTODEGRADABLE (POLYPROPYLENE, HDPE) OR BIODEGRADABLE MATERIAL.

Table 7.37-1 Wattle and Tube Spacing Table for Slope Application

Slope	Wattle and Tube Diameter				
	8"	12"	18"	20"	24"
2%	70'	100'	N/A	N/A	N/A
5%	30'	60'	100'	100'	100'
10%	20'	30'	70'	85'	100'
6:1	N/A	20'	40'	50'	55'
4:1	N/A	20'	30'	30'	30'
3:1	N/A	N/A	20'	20'	25'
2:1	N/A	N/A	20'	20'	20'



CONSTRUCTION SPECIFICATIONS

1. STONE SIZE – USE 2" STONE OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT, MUST CONFORM TO ASTM #1 STONE.
2. LENGTH – AS REQUIRED BUT NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
3. THICKNESS – NOT LESS THAN SIX (6) INCHES.
4. WIDTH – TWENTY (20) FOOT BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
5. FILTER CLOTH – WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. FILTER WILL NOT BE REQUIRED ON A SINGLE FAMILY RESIDENCE LOT.
6. SURFACE WATER – ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE – THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS–OF–WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC RIGHTS–OF–WAY MUST BE REMOVED IMMEDIATELY.
8. WASHING – WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS–OF–WAY. WHEN WASHING IS REQUIRED IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. INSPECTIONS ARE REQUIRED AT LEAST TWICE A WEEK AND AT LEAST 72 HOURS APART.

STABILIZED CONSTRUCTION EXIT (SCE)

(NTS) (AS REQUIRED)

NOTE:
POWERWASHING VEHICLES PRIOR TO ENTERING THE RIGHT OF WAY IS AN APPROPRIATE SUBSTITUTE FOR A STABILIZED CONSTRUCTION EXIT.

CONSTRUCTION SPECIFICATIONS:

1. SILT FENCE SHOULD BE INSTALLED SO AS TO BE CLOSE AS POSSIBLE TO THE GROUND CONTOUR.
2. SILT FENCE SHOULD BE INSTALLED 5'–7' AWAY FROM THE TOE OF THE SLOPE TO ALLOW FOR EXTRA SPACE FOR THE PONDING OF WATER AND COLLECTION OF SEDIMENTS.
3. THE EXPECTED LIFE–SPAN OF THE SILT FENCE IS 6–12 MONTHS.
4. SILT FENCING WITHOUT BACK SHALL BE USED AND POSTS SHALL BE HARDWOOD POSTS THAT ARE 2.25"x2.25"x58". T–TYPE STEEL POSTS MAY ALSO BE USED.
5. ENSURE THAT THE HEIGHT OF THE FENCE DOES NOT EXCEED 24" ABOVE THE GROUND SURFACE. PONDING WATER DEPTH SHOULD NOT EXCEED 18".
6. CONSTRUCT FILTER FABRIC FROM A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID JOINTS. WHEN JOINTS ARE NECESSARY, SECURELY FASTEN THE FILTER CLOTH ONLY AT A SUPPORT POST WITH A 4' MINIMUM OVERLAP TO THE NEXT POST OR ROLL THE FABRIC TOGETHER AND FASTEN TO ONE POST TO CREATE A STRONGER JOINT. WHERE JOINTS ARE NECESSARY, PLAN THE ROLL LAYOUT SO AS NOT TO HAVE JOINTS AT LOW POINTS.
7. DO NOT ATTACH FILTER FABRIC TO TREES.
8. WHEN SILT FENCE IS INSTALLED ADJACENT TO STREAMS, WETLANDS AND OTHER NATURAL RESOURCES, SILT FENCE WITH BACKING SHOULD BE USED.
9. INSTALL POSTS NO MORE THAN 6' APART.
10. INSTALL POSTS 2' DEEP ON THE DOWNSTREAM SIDED OF SILT FENCE, AND AS CLOSE AS POSSIBLE TO THE FABRIC, ENABLING POSTS TO SUPPORT THE FABRIC FROM UPSTREAM WATER PRESSURE.
11. SECURELY ATTACH THE SILT FENCE FABRIC TO THE POSTS ON THE UPSTREAM SIDE OF THE POSTS. FOR STEEL POSTS, ATTACH FABRIC TO THE POSTS USING WIRE OR PLASTIC ZIP TIES WITH A MINIMUM 50 POUND TENSILE STRENGTH, AT LEAST 5 TO A POST. 3 TIES SHOULD BE INSTALLED IN THE UPPER 8" FOR THE TOP STRENGTH. TIES SHOULD BE INSTALLED ON THE DIAGONAL, AS OPPOSED TO ON THE HORIZONTAL, TO GRAB MORE STANDS. FOR HARDWOOD POSTS, ATTACH FABRIC WITH 17 GAUGE WIRE STAPLES (¾" WIDE x ½" LONG), AT LEAST 5 TO A POST. 3 STAPLES SHALL BE INSTALLED IN THE UPPER 8" FOR TOP STRENGTH.
12. INSTALL J–HOOKS FOR CONFINING THE WATER BEHIND THE FENCE AS SHOWN.
13. EXCAVATE A TRENCH APPROX. 4" WIDE AND 6" DEEP ALONG THE PROPOSED LINE OF POSTS AND UPSLOPE FROM THE BARRIER.
14. PLACE 10" OF THE FABRIC ALONG THE BOTTOM AND SIDE OF THE TRENCH. BACKFILL THE TRENCH WITH SOIL PLACED OVER THE FILTER FABRIC AND COMPACT. THOROUGH COMPACTION OF THE BACKFILL IS CRITICAL TO SILT FENCE PERFORMANCE.
15. THE BASE OF BOTH END POSTS SHOULD BE AT LEAST 1' HIGHER THAN THE MIDDLE OF THE FENCE. CHECK WITH A LEVEL AS NECESSARY.
16. A SLICING MACHINE CAN BE USED TO INSTALL SILT FENCE. THE METHOD OF INSTALLATION PROVIDES EXCELLENT COMPACTION AND JOINT INTEGRITY ALONG THE TOE.
17. POSTS SHALL BE SET AT A MAXIMUM OF 6' APART.
18. THE GEOTEXTILE FABRIC SHALL BE INSERTED IN A SLIT IN THE SOIL 8"–12" DEEP. THE SLIT SHOULD BE CREATED SUCH THAT A HORIZONTAL CHISEL POINT, AT THE BASE OF A SOIL–SLICING BLADE IN A SIMULTANEOUS OPERATION, ACHIEVING CONSISTENT PLACEMENT AND DEPTH. NO TURNING OVER OF SOIL IS ALLOWED FOR THE SLICING METHOD.

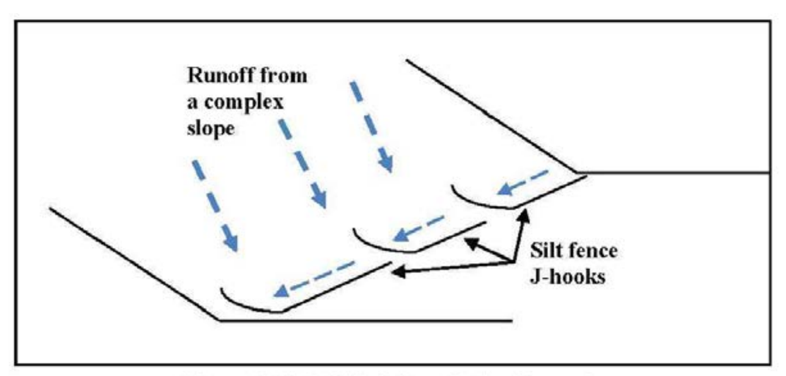


Figure 7.34-1 J-Hook Installation Example

Table 7.34-1 Silt Fence Fabric Specifications

	Test Material	Without backing	With backing
Geotextile fabric type		Woven slit film	Woven monofilament
Apparent opening size	ASTM D4751	#30 to #70 standard sieve	#70 to #100 standard sieve
Water flux	ASTM D4491	$\geq$ 4 gpm/ft^2	$\geq$ 18 gpm/ft^2
Tensile strength	ASTM D4632	$\geq$ 120 lb. (warp direction) 100 lb. (fill direction)	$\geq$ 310 lb. (warp direction) 200 lb. (fill direction)

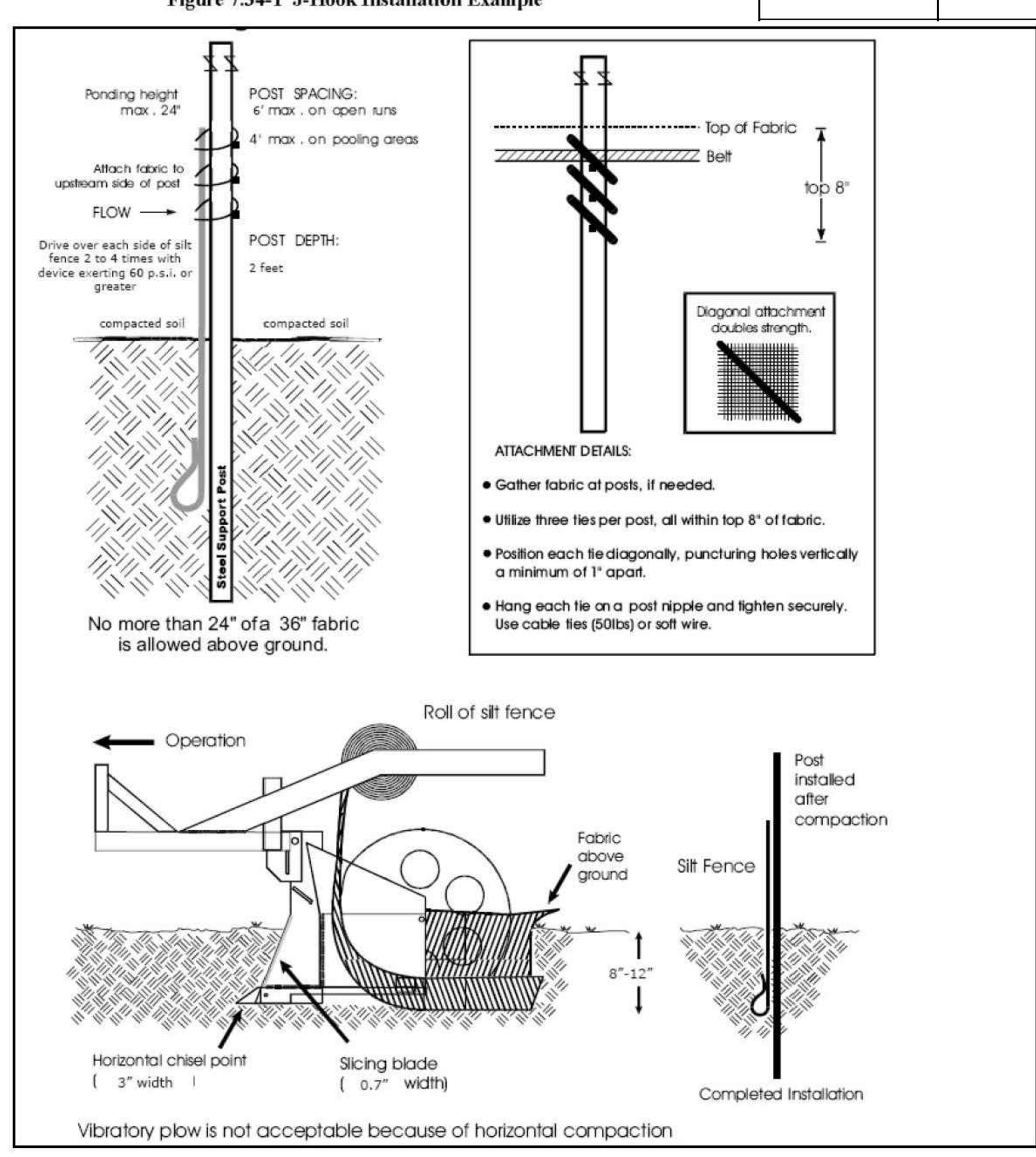


Figure 7.34-3 Silt Fence Slicer Installation Details (*Adapted from Silt Fence That Works*)

WIRE BACKED SILT FENCE ——SF——

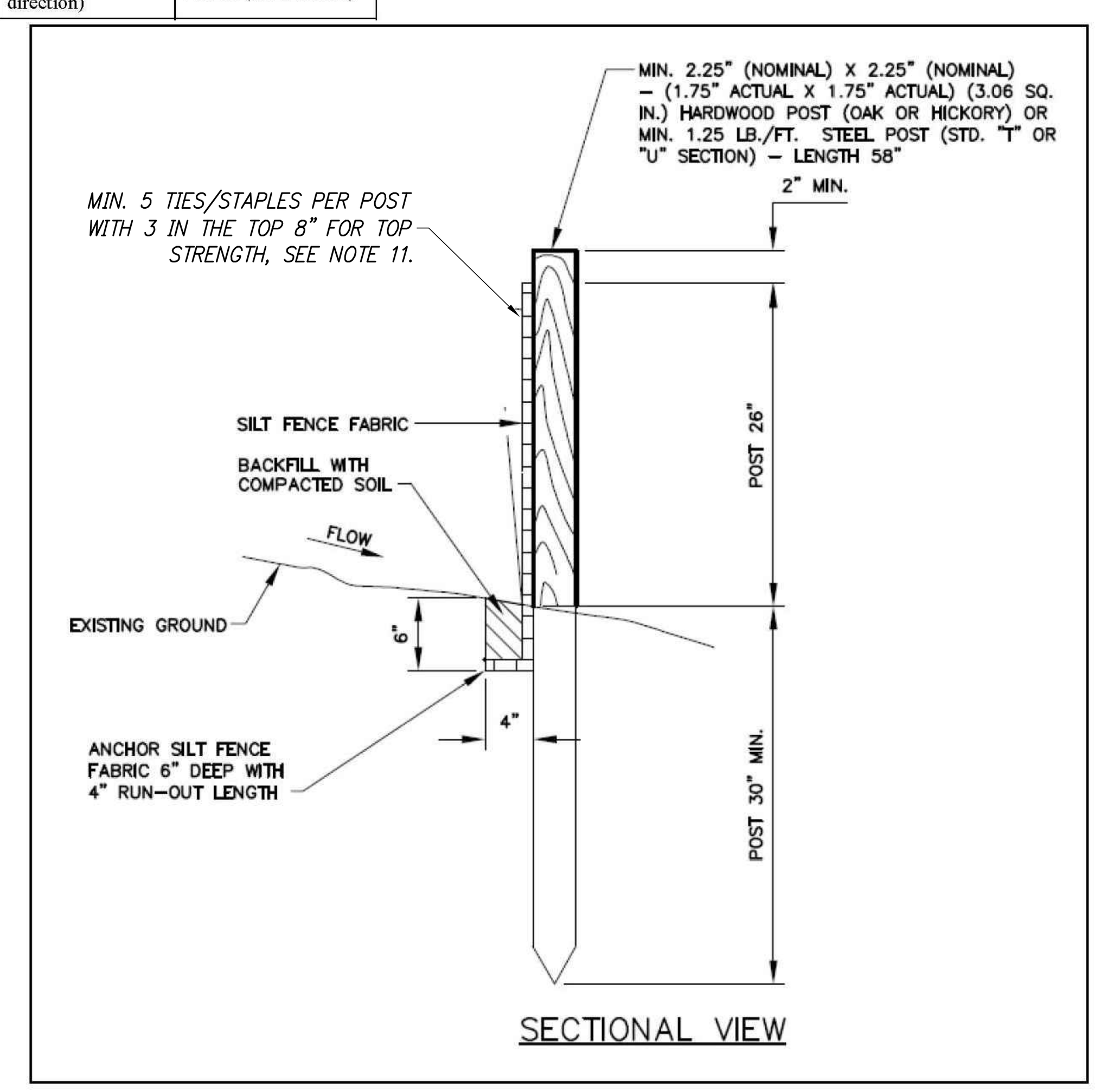


Figure 7.34-2 Silt fence details

The Reaves Firm
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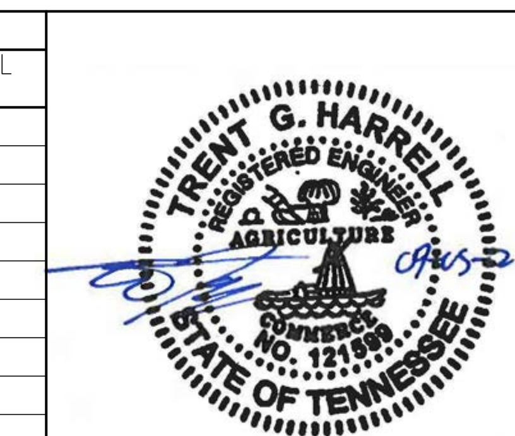
6800 Poplar Avenue, Suite 101 Memphis, TN 38138
901.761.2016 Fax 901.763.2847
www.ReavesFirm.com

REVISION		
ITEM NO.	DESCRIPTION of CHANGE	APPROVAL DATE



DOLLAR GENERAL
WINCHESTER-GERMANTOWN SC-1 PHASE 9
DEVELOPER: JERROLD PEDIGO REALTY & CONSTRUCTION
ENGINEER: THE REAVES FIRM, INC.

C5.2

3 OF 3

DIVISION OF ENGINEERING

EROSION CONTROL DETAILS

DOLLAR GENERAL

6955 WINCHESTER ROAD
MEMPHIS, TENNESSEE

SURVEY TRF, INC. DATE 04/23 BOOK
DESIGN BY TRF, INC. DATE 09/23 SCALE AS SHOWN
REVIEWED

DEPUTY CITY ENGINEER DATE CITY ENGINEER DATE

TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER RESOURCES
William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 11th Floor
Nashville, TN 37243
Toll Free Number: 1-888-891-8332 (TDEC)

NOTICE OF INTENT (NOI) FOR GENERAL NPDES PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES (TNR100000)

Site or Project Name: Dollar General Retail Store		**NPDES Tracking Number: TNR**
Street Address including city or zip code or Location: 6955 Winchester Road Memphis, TN		Construction Start Date: March 01, 2024
		Estimated End Date: November 01
Site Description: New Retail Store		Latitude (dd.dddd): 35.0488
		Longitude (-dd.dddd): -89.8314
County(ies): Shelby	MS4 Jurisdiction (if applicable): Shelby	Acres Disturbed: 1.044
		Total Acres: 1.044

Are there any streams ☐ and/or wetlands ☐ on or adjacent to the construction site?
If wetlands are located on-site and may be impacted, attach wetlands delineation report.
If an Aquatic Resource Alteration Permit has been obtained for this site, what is the permit number? ARAP Number:

Receiving waters: Unnamed Tributary of Nonconnah Creek

Include the SWPPP with the NOI ■ SWPPP Included | Include a site location map ■ Map Included

Name of Site Owner or Developer (Site-Wide Permittee): (correct legal name of person, company, or entity that has operational or design control over construction plans and specifications)
12 Oaks Winchester Road 2023, LLC

For corporate entities only, provide the Tennessee Secretary of State (SOS) Control Number: 001370852

Site Owner or Developer Contact Name: (individual responsible for site) Drew Crosby	Title or Position: (the party who signs the certification below): Managing Member		
Mailing Address: 1711 Old Fort Parkway, Suite A	City: Murfreesboro	State: TN	Zip: 37129
Phone: (615) 896-3000	E-mail: drew@12oaksdevelopment.com		

Optional Contact Name: Jerrold Pedigo	Title or Position: Managing Member		
Mailing Address: 1711 Old Fort Parkway, Suite A	City: Murfreesboro	State: TN	Zip: 37129
Phone: (615) 896-3000	E-mail: jerroldpedigo@gmail.com		

Owner or Developer Certification: (must be signed by president, vice-president or equivalent, or ranking elected official) (Primary Permittee)		
I certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision. The submitted information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.		
Owner or Developer Name: (print or type): Drew Crosby	Signature:	Date: 2/23/24

Contractor(s) Certification: (must be signed by president, vice-president or equivalent, or ranking elected official) (Secondary Permittee)		
I certify under penalty of law that I have reviewed this document, any attachments, and the SWPPP referenced above. Based on my inquiry of the construction site owner/developer identified above and/or my inquiry of the person directly responsible for assembling this NOI and SWPPP, I believe the information submitted is accurate. I am aware that this NOI, if approved, makes the above-described construction activity subject to NPDES permit number TNR100000, and that certain of my activities on-site are thereby regulated. I am aware that there are significant penalties, including the possibility of fine and imprisonment for knowing violations, and for failure to comply with these permit requirements. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.		
Primary contractor name, address, and SOS control number (if applicable): (print or type) Barry Holbrook	Signature:	Date:
Primary contractor name, address, and SOS control number (if applicable): (print or type)	Signature:	Date:
Primary contractor name, address, and SOS control number (if applicable): (print or type)	Signature:	Date:

NOTICE OF INTENT (NOI) FOR GENERAL NPDES PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES (TNR100000)

Purpose of this form - A completed notice of intent (NOI) must be submitted to obtain coverage under the Tennessee General NPDES Permit for Discharges of Stormwater Associated with Construction Activity (permit). **Requesting coverage under this permit means that an applicant has obtained and examined a copy of this permit, and thereby acknowledges applicant's claim of ability to be in compliance with permit terms and conditions.** This permit is required for stormwater discharge(s) from construction activities including clearing, grading, filling, and excavating (including borrow pits) of one or more acres of land. This form should be submitted at least 30 days prior to the commencement of land disturbing activities, or no later than 48 hours prior to when a new operator assumes operational control over site specifications or commences work at the site.

The appropriate permit application fee must accompany the NOI and is based on total acreage to be disturbed by an entire project, including any associated construction support activities (e.g., equipment staging yards, material storage areas, excavated material disposal areas, borrow or waste sites):

(i) Projects equal to or greater than 150 acres	$10,000
(ii) Projects equal to or greater than 50 acres and less than 150 acres	$6,000
(iii) Projects equal to or greater than 20 acres and less than 50 acres	$3,000
(iv) Projects equal to or greater than 5 acres and less than 20 acres	$1,000
(v) Projects equal to or greater than 1 acre and less than 5 acres	$250
(vi) Projects seeking subsequent coverage under an actively covered larger common plan of development or sale	$100

There is no fee for sites less than 1 acre. A separate annual maintenance fee is also required for construction activities that exceed 1 year under general permit coverage. Tennessee Rules, Chapter 0400-40-11-.02(b)(12)).

Who must submit the NOI form? Per Section 2 of the permit, all site operators must submit an NOI form. "Operator" for the purpose of this permit and in the context of stormwater associated with construction activity means any person associated with a construction project who meets either or both of the following two criteria: (1) The person has operational or design control over construction plans and specifications, including the ability to make modifications to those plans and specifications. This person is typically the owner or developer of the project or a portion of the project (e.g. subsequent builder), or the person that is the current landowner of the construction site. This person is considered the primary permittee; or (2) The person has day-to-day operational control of those activities at a project which are necessary to ensure compliance with a SWPPP for the site or other permit conditions. This person is typically a contractor or a commercial builder who is hired by the primary permittee and is considered a secondary permittee.

Owners, developers, and all contractors that meet the definition of the operator in subsection 2.2 of the permit shall apply for permit coverage on the same NOI, insofar as possible. After permit coverage has been granted to the primary permittee, any separate or subsequent NOI submittals must include the site's previously assigned permit tracking number and the project name. The site-wide site-specific SWPPP shall be prepared in accordance with the requirements of part 5 of the permit and must be submitted with the NOI unless the NOI being submitted is to only add a contractor (secondary permittee) to an existing coverage. Artificial entities (e.g., corporations or partnerships excluding entities not required to register) must submit the TN Secretary of State, Division of Business Services, control number. The Division reserves the right to deny coverage to artificial entities that are not properly registered and in good standing with the TN Secretary of State.

Notice of Coverage - The division will review the NOI for completeness and accuracy and prepare a notice of coverage (NOC). Stormwater discharge from the construction site is authorized as of the effective date of the NOC.

Complete the form - Type or print clearly, using ink and not markers or pencil. Answer each item or enter "NA," for not applicable, if a particular item does not fit the circumstances or characteristics of your construction site or activity. If you need additional space, attach a separate piece of paper to the NOI form. **The NOI will be considered incomplete without a permit fee, a map, and the SWPPP.**

Describe and locate the project - Use the legal or official name of the construction site. If a construction site lacks street name or route number, give the most accurate geographic information available to describe the location (reference to adjacent highways, roads, and structures, e.g., intersection of state highways 70 and 100). Latitude and longitude (expressed in decimal degrees) of the center of the site can be located on USGS quadrangle maps. The maps can be obtained at the USGS World Wide Web site: http://www.usgs.gov/; latitude and longitude information can be found at numerous other web sites. Attach a copy of a portion of a 7.5-minute topographic map, a city map, or a county map showing location of site, with boundaries at least one mile outside the site boundaries. Provide estimated starting date of clearing activities and completion date of the project, and an estimate of the number of acres of the site on which soil will be disturbed, including borrow areas, fill areas, stockpiles and the total acres. For linear projects, give location at each end of the construction area.

Give name of the receiving waters - Trace the route of stormwater runoff from the construction site and determine the name of the river(s), stream(s), creek(s), wetland(s), lake(s) or any other water course(s) into which the stormwater runoff drains. Note that the receiving water course may or may not be located on the construction site. If the first water body receiving construction site runoff is unnamed ("unnamed tributary"), determine the name of the water body that the unnamed tributary enters.

An ARAP may be required - If your work will disturb or cause alterations of a stream or wetland, you must obtain an appropriate Aquatic Resource Alteration Permit (ARAP). If you have a question about the ARAP program, contact your local Environmental Field Office (EFO).

Submitting the form and obtaining more information - Note that this form must be signed by the company President, Vice-President, or a ranking elected official in the case of a municipality, for details see subpart 2.5. For more information, contact your local EFO at the toll-free number 1-888-891-8332 (TDEC). Submit the completed NOI form (keep a copy for your records) to the appropriate EFO for the county(ies) where the construction activity is located, addressed to **Attention: Stormwater NOI Processing** or use MyTDEC Forms for electronic submittal.

EFO	Street Address	Zip Code	EFO	Street Address	Zip Code
Memphis	8383 Wolf Lake Drive, Bartlett	38133-4119	Cookeville	1221 South Willow Ave.	38506
Jackson	1625 Hollywood Drive	38305-4316	Chattanooga	1301 Riverfront Parkway, Suite 206	37402-2013
Nashville	711 R S Gass Boulevard	37243	Knoxville	3711 Middlebrook Pike	37921
Columbia	1421 Hampshire Pike	38401	Johnson City	2305 Silverdale Road	37601

TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION (TDEC)

DIVISION OF WATER RESOURCES (DWR)
William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 11th Floor
Nashville, Tennessee 37243
1-888-891-TDEC (8332)

NOTICE OF TERMINATION (NOT) FOR GENERAL NPDES PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES (CGP)

This form is required to be submitted when requesting termination of coverage from the CGP. The purpose of this form is to notify the TDEC that either all stormwater discharges associated with construction activity from the portion of the identified facility where you, as an operator, have ceased or have been eliminated; or you are no longer an operator at the construction site. Specifically, this means that all disturbed soils at the portion of the construction site where the operator had control have been permanently stabilized, the temporary erosion and sediment control measures have been removed, and/or subsequent operators have obtained permit coverage for the site or portions of the site where the operator had control. Submission of this form shall in no way relieve the permittee of permit obligations required prior to submission of this form.

Submit this form to the local DWR Environmental Field Office (EFO) address (see table below) or using MyTDEC Forms electronic submittal process. For more information, contact your local EFO at the toll-free number 1-888-891-8332 (TDEC).

Site or Project Name:	**NPDES Tracking Number: TNR**
Street Address or Location:	County(ies):

Name of Permittee Requesting Termination of Coverage:			
Permittee Contact Name:	Title or Position:		
Mailing Address:	City:	State:	Zip:
Phone:	E-mail:		

Check the reason(s) for termination of permit coverage: (check only one)

☐	Primary permittee termination: all requirements for termination under Permit Part 9.1.1. a) through c) have been met. This includes, but is not limited to, for areas the primary permittee has control all earth-disturbing activities at the site are complete and permanent stabilization as defined in Part 10 of the CGP has been achieved. (attach photo documentation)
	When applicable, and you are a primary permittee seeking termination, list who is responsible for ongoing maintenance of stormwater controls left on the site subject for long-term use following termination of coverage:
☐	Secondary permittee termination: all requirements for termination under Permit Part 9.2.1. have been met (no longer an operator at the construction site).

Certification and Signature:

(must be signed by president, vice-president or equivalent ranking elected official)

I certify under penalty of law that either: (a) all stormwater discharges associated with construction activity from the portion of the identified facility where I was an operator have ceased or have been eliminated or (b) I am no longer an operator at the construction site. I understand that by submitting this notice of termination, I am no longer authorized to discharge stormwater associated with construction activity under this general permit, and that discharging pollutants in stormwater associated with construction activity to waters of the state is unlawful under the Tennessee Water Quality Control Act where the discharge is not authorized by a NPDES permit. I also understand that the submittal of this notice of termination does not release an operator from liability for any violations of this permit or the Tennessee Water Quality Control Act. I certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision. The submitted information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

Permittee name (print or type):	Signature:	Date:

EFO	Address	EFO	Street Address
Memphis	8383 Wolf Lake Drive, Bartlett, TN 38133	Cookeville	1221 South Willow Ave., TN 38506
Jackson	1625 Hollywood Drive, TN 38305	Chattanooga	1301 Riverfront Parkway, Ste. 206, TN 37402
Nashville	711 R S Gass Boulevard, TN 37243	Knoxville	3711 Middlebrook Pike, TN 37921
Columbia	1421 Hampshire Pike, TN 38401	Johnson City	2305 Silverdale Road, TN 37601

TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION (TDEC)
DIVISION OF WATER RESOURCES
William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 11th Floor
Nashville, Tennessee 37243
1-888-891-8332 (TDEC)

General NPDES Permit for Stormwater Discharges from Construction Activities (CGP)
Construction Stormwater Inspection Certification (Inspection Form)

Site or Project Name:		**NPDES Tracking Number: TNR**
Primary Permittee Name:		Date of Inspection:
Current approximate <u>disturbed</u> acreage:	Has rainfall been checked/documented daily? ☐ Yes ☐ No	Name of Inspector:
Current weather/ground conditions:	Rainfall total since last inspection:	Inspector's TNEPSC Certification Number:
Site Assessment ☐ Yes ☐ No	Assessor's TN PE registration number:	Assessor's TNEPSC Level II/CPESC number:

Check the box if the following items are on-site:	
☐	Notice of Coverage (NOC)
☐	Stormwater Pollution Prevention Plan (SWPPP)
☐	Weekly inspection documentation
☐	Site contact information
☐	Rain Gage
Off-site Reference Rain Gage Location	

Best Management Practices (BMPs):

Are the Erosion Prevention and Sediment Controls (EPSCs) functioning correctly? If "No," describe below in Comment Section				
1.	Are all applicable EPSCs installed and maintained per the SWPPP per the current phase?		☐ Yes	☐ No
2.	Are EPSCs functioning correctly at all disturbed areas/material storage areas? (permit section 5.5.3)		☐ Yes	☐ No
3.	Are EPSCs functioning correctly at outfall/discharge points such that there is no objectionable color contrast in the receiving stream, and no other water quality impacts? (permit section 5.5.3.5 and 6.3.2)		☐ Yes	☐ No
4.	Are EPSCs functioning correctly at ingress/egress points such that there is no evidence of track-out? (permit section 5.5.3.1)		☐ Yes	☐ No
5.	If applicable, have discharges from dewatering activities been managed by appropriate controls? (permit section 4.1.3) If "No," describe below the measure to be implemented to address deficiencies.	☐ N/A	☐ Yes	☐ No
6.	If construction activity at any location on-site has temporarily/permanently ceased, was the area stabilized within 14 days? (permit section 5.5.3.4) If "No," describe below each location and measures taken to stabilize the area(s).	☐ N/A	☐ Yes	☐ No
7.	Have pollution prevention measures been installed, implemented, and maintained to minimize the discharge of pollutants from wash waters, exposure of materials and discharges from spills and leaks per section 4.1.4? If "No," describe below the measure to be implemented to address deficiencies.	☐ N/A	☐ Yes	☐ No

Site or Project Name:	**NPDES Tracking Number: TNR**
Primary Permittee Name:	Date of Inspection:

8.	If a concrete washout facility is located on site, is it clearly identified on the project and maintained? If "No," describe below the measures to be implemented to address deficiencies. (permit section 1.2.2)	☐ N/A	☐ Yes	☐ No
9.	Have all previous deficiencies been addressed? If "No," describe the remaining deficiencies in the Comments section. ☐ Check if deficiencies/corrective measures have been reported on a previous form.	☐ N/A	☐ Yes	☐ No

Comment Section. If the answer is "No" for any of the above, describe the problem and summarize corrective actions to be taken. Otherwise, describe any pertinent observations:

Certification and Signature (must be signed by the certified inspector and the permittee per Sections 5.5.3.11 (g) and 8.7.2 of the CGP)

I certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision. The submitted information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

Inspector Name and Title :	Signature:	Date:
Primary Permittee Name and Title:	Signature:	Date:

Construction Stormwater Inspection Certification Form (Inspection Form)

Purpose of this form / Instructions

An inspection, as described in subsection 5.5.3.9. of the General Permit for Stormwater Discharges from Construction Activities ("Permit"), shall be performed at the specified frequency and documented on this form. Inspections shall be performed at least 72 hours apart. Where sites or portion(s) of construction sites have been temporarily stabilized, or runoff is unlikely due to winter conditions (e.g., site covered with snow or ice), such inspection only has to be conducted once per month until thawing results in runoff or construction activity resumes.

Inspections can be performed by:

a) a person with a valid certification from the "Fundamentals of Erosion Prevention and Sediment Control Level I" course,
b) a licensed professional engineer or landscape architect,
c) a Certified Professional in Erosion and Sediment Control (CPESC), or
d) a person who has successfully completed the "Level II Design Principles for Erosion Prevention and Sediment Control for Construction Sites" course.

Qualified personnel, as defined in subsection 5.5.3.10 of the Permit (provided by the permittee or cooperatively by multiple permittees) shall inspect disturbed areas of the construction site that have not been permanently stabilized, areas used for storage of materials that are exposed to precipitation, structural control measures, locations where vehicles enter or exit the site, and each outfall.

Disturbed areas and areas used for storage of materials that are exposed to precipitation shall be inspected for evidence of, or the potential for, pollutants entering the site's drainage system. Erosion prevention and sediment control measures shall be observed to ensure that they are operating correctly.

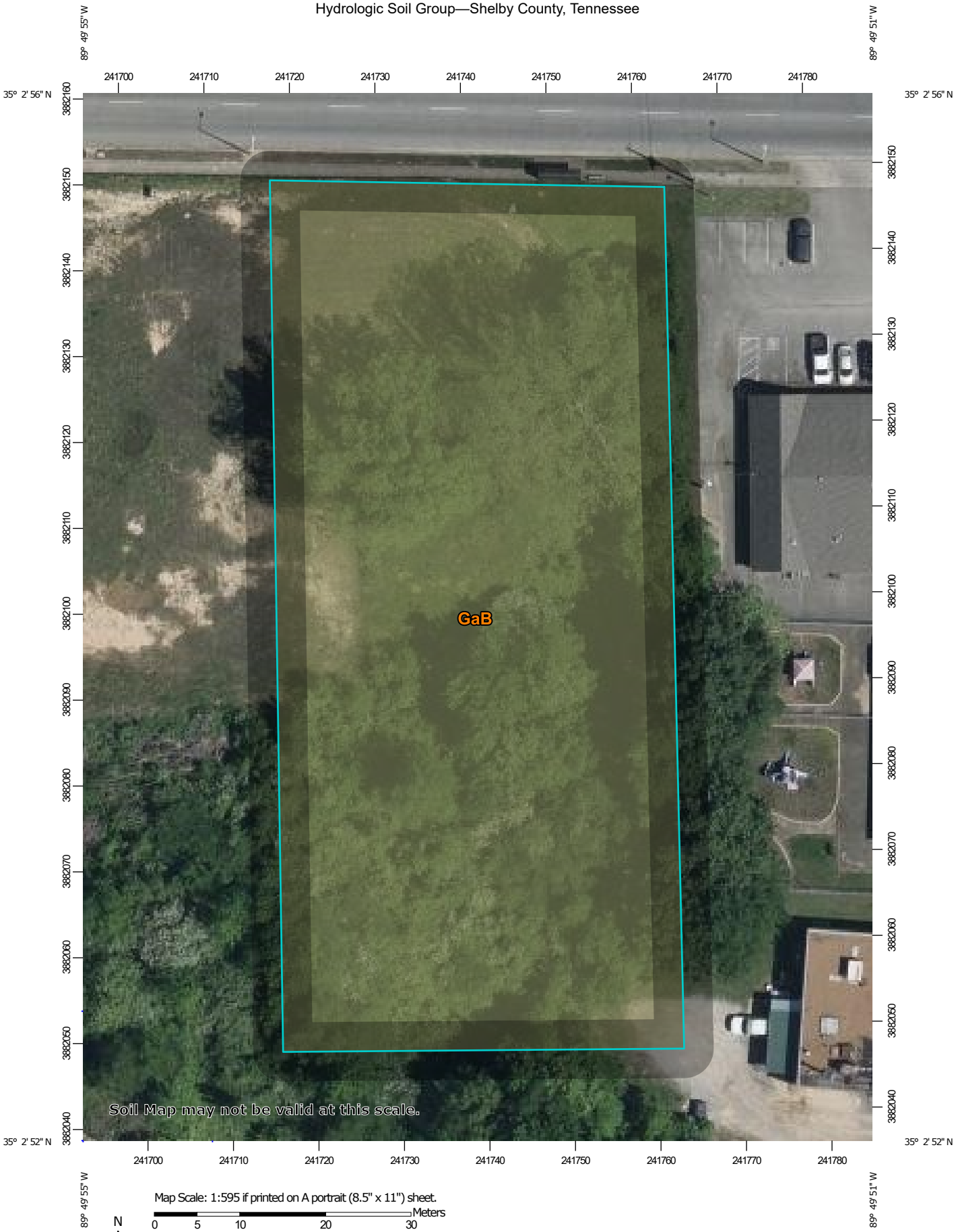
Outfall points (where discharges leave the site and/or enter waters of the state) shall be inspected to determine whether erosion prevention and sediment control measures are effective in preventing significant impacts to receiving waters. Where discharge locations are inaccessible, nearby downstream locations shall be inspected. Locations where vehicles enter or exit the site shall be inspected for evidence of offsite sediment tracking.

Based on the results of the inspection, any inadequate control measures or control measures in disrepair shall be replaced or modified, or repaired as necessary, before the next rain event if possible, but in no case more than 7 days after the need is identified.

Based on the results of the inspection, the site description identified in the SWPPP in accordance with section 5.5.1 of the Permit and pollution prevention measures identified in the SWPPP in accordance with section 5.5.2 of the Permit, shall be revised as appropriate, but in no case later than 7 days following the inspection. Such modifications shall provide for timely implementation of any changes to the SWPPP, but in no case later than 14 days following the inspection.

All inspections shall be documented on this Construction Stormwater Inspection Certification form. Alternative inspection forms may be used as long as the form contents and the inspection certification language are, at a minimum, equivalent to the Division's form and the permittee has obtained a written approval from the Division to use the alternative form. Inspection documentation will be maintained on site and made available to the Division upon request. Inspection reports must be submitted to the Division within 10 days of the request.

Trained certified inspectors shall complete inspection documentation to the best of their ability. Falsifying inspection records or other documentation or failure to complete inspection documentation shall result in a violation of this permit and any other applicable acts or rules.



Map Scale: 1:595 if printed on A portrait (8.5" x 11") sheet.

N

Meters
0 5 10 20 30

Feet
0 25 50 100 150

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 16N WGS84

MAP LEGEND

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Rating Polygons

A

A/D

B

B/D

C

C/D

D

Not rated or not available

Soil Rating Lines

A

A/D

B

B/D

C

C/D

D

Not rated or not available

Soil Rating Points

A

A/D

B

B/D

C

C/D

D

Not rated or not available

Water Features

Streams and Canals

Transportation

Rails

Interstate Highways

US Routes

Major Roads

Local Roads

Background

Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Shelby County, Tennessee
Survey Area Data: Version 18, Sep 15, 2022

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: May 1, 2020—May 9, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Hydrologic Soil Group

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
GaB	Grenada silt loam, 2 to 5 percent slopes	C/D	1.2	100.0%
Totals for Area of Interest			**1.2**	**100.0%**

Description

Hydrologic soil groups are based on estimates of runoff potential. Soils are assigned to one of four groups according to the rate of water infiltration when the soils are not protected by vegetation, are thoroughly wet, and receive precipitation from long-duration storms.

The soils in the United States are assigned to four groups (A, B, C, and D) and three dual classes (A/D, B/D, and C/D). The groups are defined as follows:

Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

Group C. Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

If a soil is assigned to a dual hydrologic group (A/D, B/D, or C/D), the first letter is for drained areas and the second is for undrained areas. Only the soils that in their natural condition are in group D are assigned to dual classes.

Rating Options

Aggregation Method: Dominant Condition

Component Percent Cutoff: None Specified

Tie-break Rule: Higher

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The **community map repository** should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations** (BFEs) and/or **floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by **flood control structures.** Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The **projection** used in the preparation of this map was Tennessee State Plane (FIPSZONE 4100). The **horizontal datum** was NAD83, GRS1980 spheroid. Differences in datum, spheroid, projection or State Plane zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of the FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same **vertical datum.** For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at http://www.ngs.noaa.gov/ or contact the National Geodetic Survey at the following address:

NGS Information Services
NOAA, N/NGS12
National Geodetic Survey
SSMC- 3, #9202
1315 East- West Highway
Silver Spring, MD 20910- 3282

To obtain current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at **(301) 713- 3242,** or visit its website at http://www.ngs.noaa.gov/.

Base map information was provided in digital format by the National Geodetic Survey, Tennessee Base Mapping Program, Tennessee Spatial Data Server and Tele Atlas.

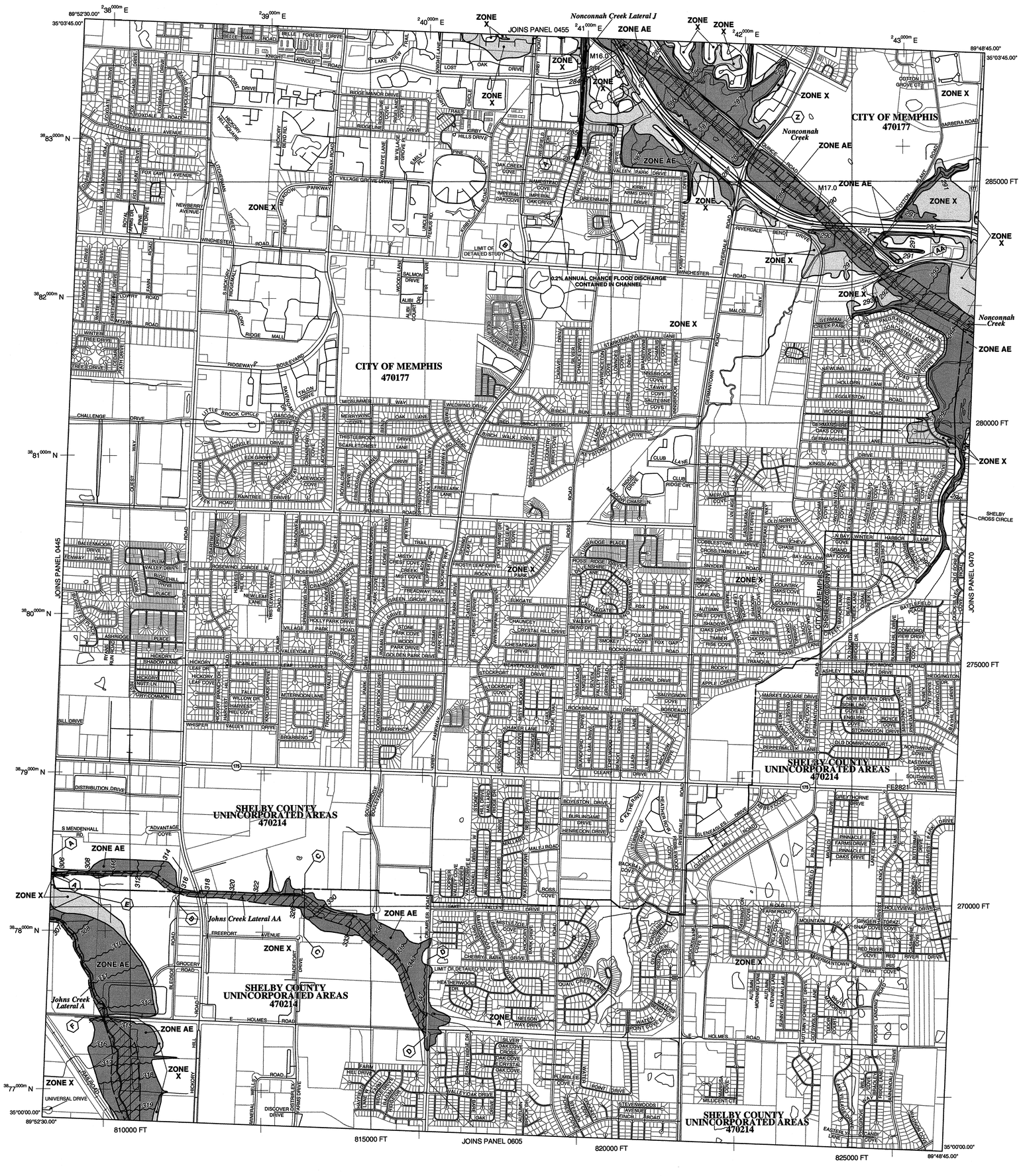
This map reflects more detailed and up- to- date **stream channel configurations** than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables *in the Flood Insurance Study report (which contains authoritative hydraulic data)* may reflect stream channel distances that differ from what is shown on this map.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de- annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels; community map repository addresses; and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

Contact the **FEMA Map Service Center** at 1- 800- 358- 9616 for information on available products associated with this FIRM. Available products may include previously issued Letters of Map Change, *a Flood Insurance Study report,* and/or digital versions of this map. The FEMA Map Service Center may also be reached by Fax at 1- 800- 358- 9620 and its website at http://www.msc.fema.gov/.

If you have **questions about this map** or questions concerning the National Flood Insurance Program in general, please call **1- 877- FEMA MAP** (1- 877- 336- 2627) or visit the FEMA website at http://www.fema.gov/.



LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

ZONE A	No Base Flood Elevations determined.
ZONE AE	Base Flood Elevations determined.
ZONE AH	Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
ZONE AO	Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
ZONE AR	Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
ZONE A99	Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
ZONE V	Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
ZONE VE	Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

ZONE X	Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE X	Areas determined to be outside the 0.2% annual chance floodplain.
ZONE D	Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

	Floodplain boundary
	Floodway boundary
	Zone D boundary
	CBRS and OPA boundary
	Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
513	Base Flood Elevation line and value; elevation in feet*
(EL 987)	Base Flood Elevation value where uniform within zone; elevation in feet*

* Referenced to the North American Vertical Datum of 1988 (NAVD 88)

A — A	Cross section line
23 — 23	Transect line
97°07'30", 32°22'30"	Geographic coordinates referenced to the North American Datum of 1983 (NAD 83)
4275000mN	1000-meter Universal Transverse Mercator grid ticks, zone 16
6000000 FT	5000-foot grid values: Tennessee State Plane coordinate system, (FIPSZONE 4100), Lambert Conformal Conic
DX5510 ×	Bench mark (see explanation in Notes to Users section of this FIRM panel)
M1.5	River Mile

MAP REPOSITORIES
Refer to Map Repositories list on Map Index

EFFECTIVE DATE OF COUNTYWIDE
FLOOD INSURANCE RATE MAP
December 2, 1994
EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL
September 28, 2007 to update corporate limits, to change Special Flood Hazard Areas, to update map format, to add roads and road names, to incorporate previously issued Letters of Map Revision, and to reflect updated topographic information.

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1- 800- 638- 6620.

MAP SCALE 1" = 1000'
500 0 1000 2000 FEET
300 0 300 600 METERS

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0465F

FIRM
FLOOD INSURANCE RATE MAP
SHELBY COUNTY, TENNESSEE
AND INCORPORATED AREAS

PANEL 465 OF 635
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

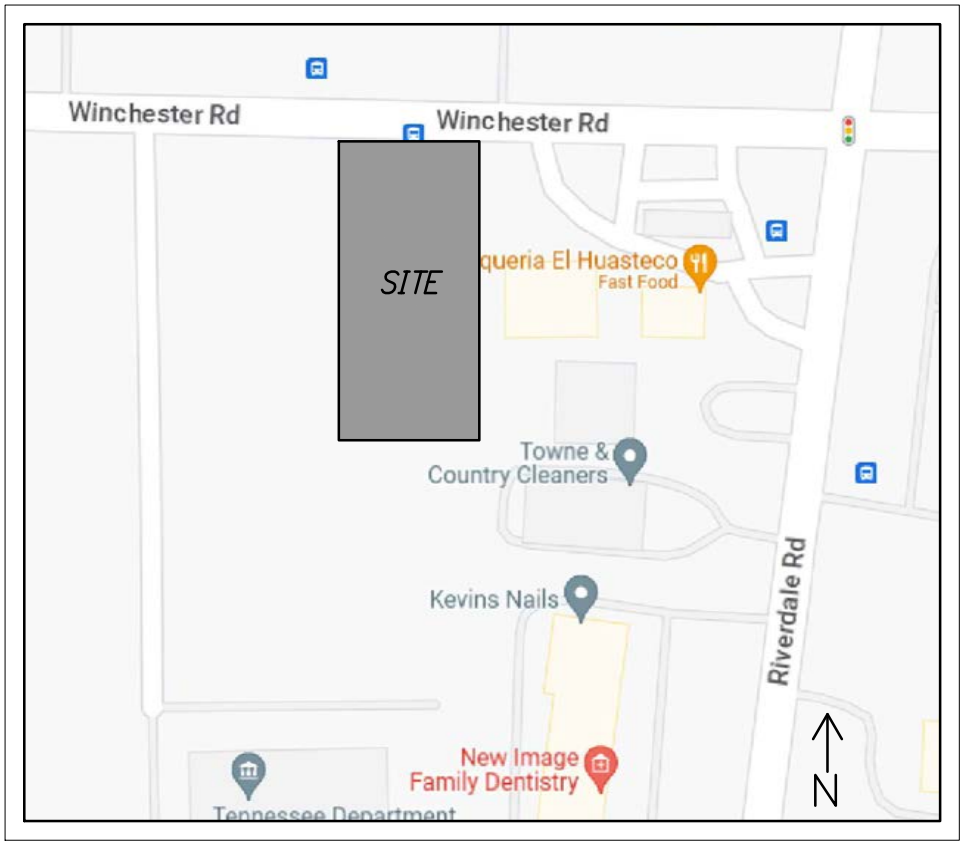
CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
SHELBY COUNTY	470214	0465	F
MEMPHIS, CITY OF	470177	0465	F

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

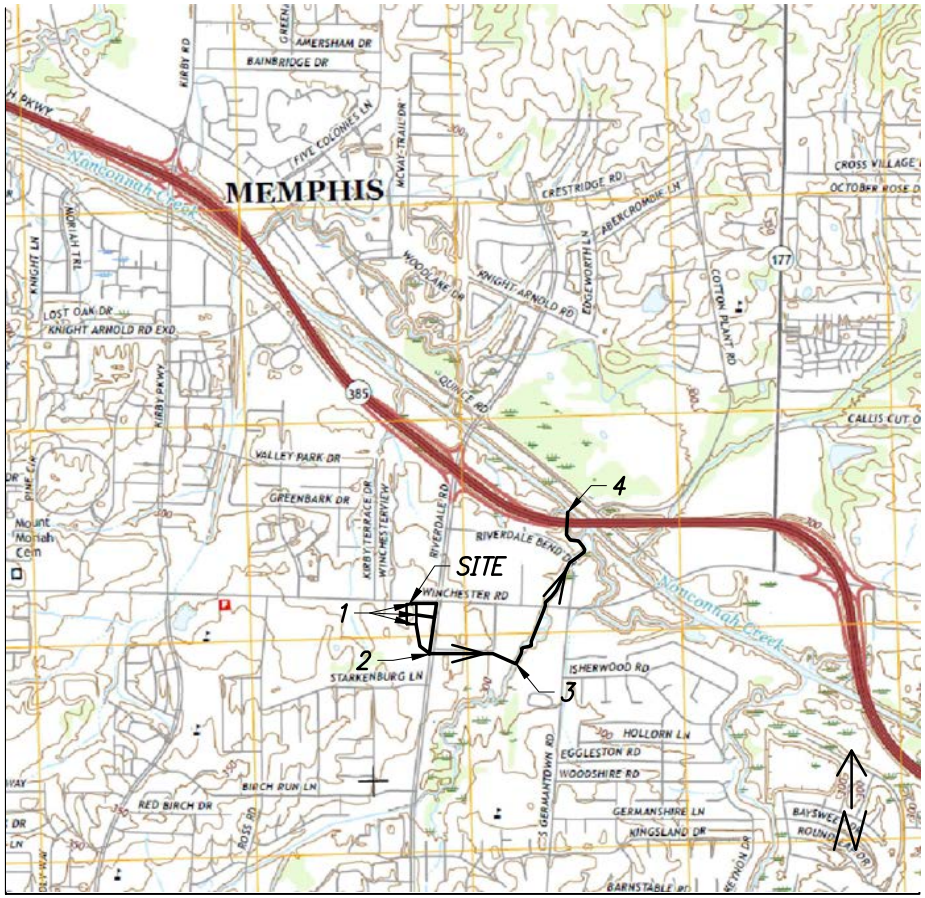
MAP NUMBER
47157C0465F
MAP REVISED
SEPTEMBER 28, 2007

Federal Emergency Management Agency



VICINITY MAP

NTS



1. *RUNOFF DISCHARGES FROM SITE*
2. *RUNOFF ENTERS PUBLIC STORM DRAINAGE SYSTEM*
3. *RUNOFF DRAINS TO MISC. TRIBUTARY OF NONCONNAH CREEK*
4. *POINT OF CONFLUENCE AT NONCONNAH CREEK*

DRAINAGE MAP

NTS

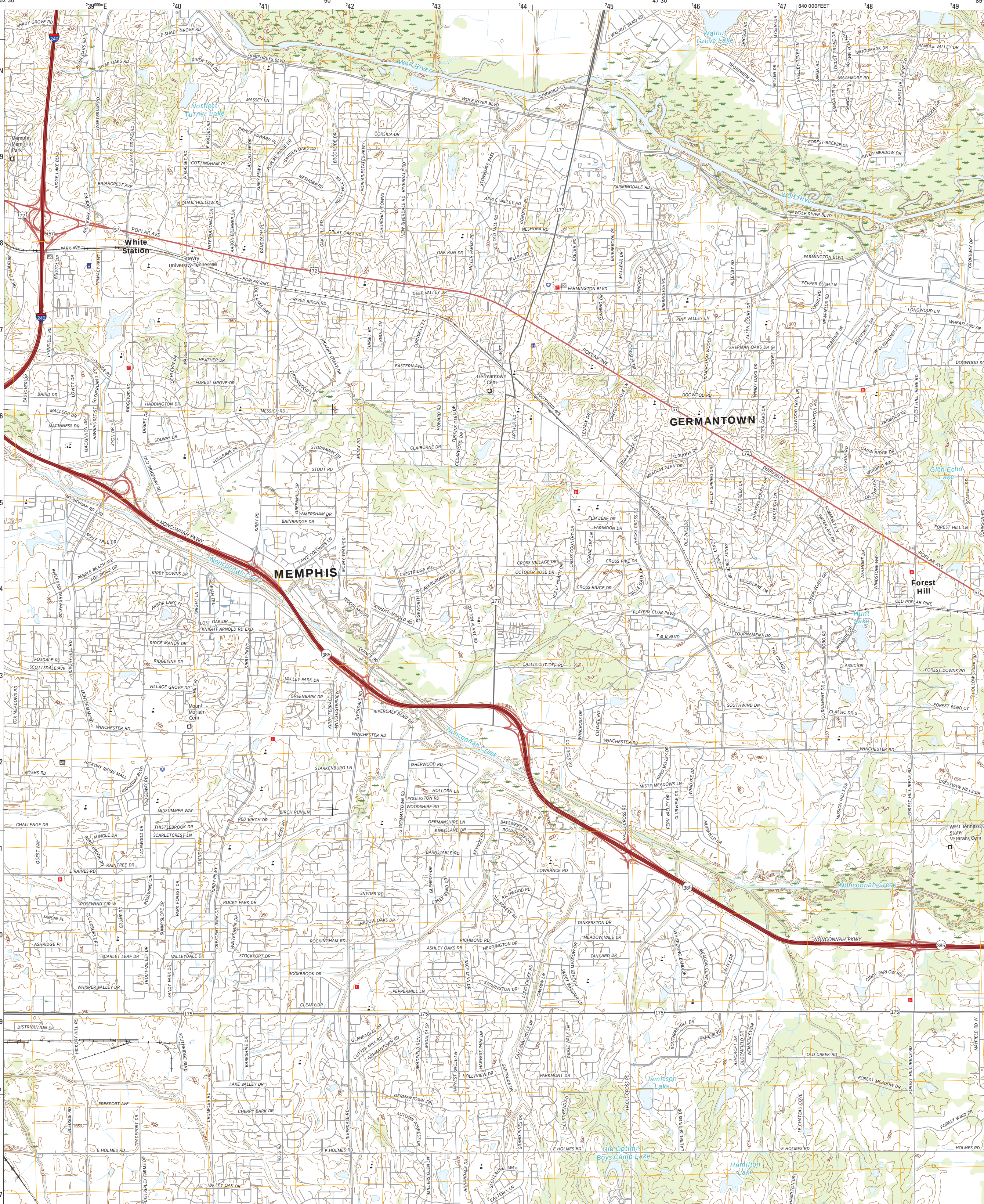
MAP PART OF THE GERMANTOWN QUADRANGLE TENNESSEE–SHELBY CO. BY THE U.S. DEPARTMENT OF THE INTERIOR U.S. GEOLOGICAL SURVEY (USGS)

USGS
science for a changing world

U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

The National Map
US Topo

GERMANTOWN QUADRANGLE
TENNESSEE-SHELBY CO.
7.5-MINUTE SERIES



Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter grid: Universal Transverse Mercator, Zone 16S
10 000-foot ticks: Tennessee Coordinate System of 1983

This map is not a legal document. Boundaries may be generalized for this map scale. Private lands within government reservations may not be shown. Obtain permission before entering private lands.

Imagery....................NAIP, August 2014
Roads.................... U.S. Census Bureau, 2015 - 2016
Names....................GNIS, 2016
Hydrography..............National Hydrography Dataset, 2014
Contours.................National Elevation Dataset, 2012
Boundaries...........Multiple sources; see metadata file 1972 - 2016

Wetlands.........FWS National Wetlands Inventory 1977 - 2014

MN
GN
1° 17´ 23 MILS
1° 37´ 29 MILS

UTM GRID AND 2016 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

U.S. National Grid
100,000-m Square ID
BD
Grid Zone Designation
16S

SCALE 1:24 000

KILOMETERS 1 0.5 0 1 2
METERS 1000 500 0 1000 2000
MILES 1 0.5 0 1
FEET 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

CONTOUR INTERVAL 10 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988

This map was produced to conform with the National Geospatial Program US Topo Product Standard, 2011.
A metadata file associated with this product is draft version 0.6.19

TENNESSEE
QUADRANGLE LOCATION

ADJOINING QUADRANGLES
1 Northeast Memphis
2 Ellendale
3 Eads
4 Southeast Memphis
5 Collierville
6 Pleasant Hill
7 Olive Branch
8 Byhalia NW

ROAD CLASSIFICATION

Expressway	Local Connector
Secondary Hwy	Local Road
Ramp	4WD
Interstate Route	US Route
State Route	

GERMANTOWN, TN
2016

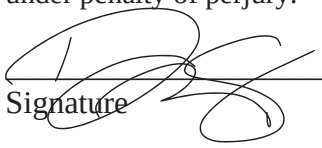
NSN. 7643016394293
NGA REF NO. USGSX24K17121

STORM WATER POLLUTION PREVENTION PLAN (SWPPP)
CERTIFICATION SIGNATURE PAGE
For

Pedigo Realty & Construction
Dollar General Retail Store
6955 **Winchester Road**
Memphis, Tennessee

Site Owner/Developer/Primary Permittee

I certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision. The submitted information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.



Signature

2/23/24
Date

Drew Crosby
Printed Name

Managing Member
Title

12 Oaks Winchester Road 2023, LLC
Company Name

(615) 896-3000
Phone Number

1711 Old Fort Parkway, Suite A
Company Address

001370852
Secretary of State's Control No.

STORM WATER POLLUTION PREVENTION PLAN (SWPPP)
CERTIFICATION SIGNATURE PAGE
For

Pedigo Realty & Construction
Dollar General Retail Store
6955 **Winchester Road**
Memphis, Tennessee

Construction Contractor (Secondary Permittee)

I certify under penalty of law that I have reviewed this document, any attachments, and the SWPPP referenced above. Based on my inquiry of the construction site owner/developer identified above and/or my inquiry of the person directly responsible for assembling this NOI and SWPPP, I believe the information submitted is accurate. I am aware that this NOI, if approved, makes the above-described construction activity subject to NPDES permit number TNR100000, and that certain of my activities on-site are thereby regulated. I am aware that there are significant penalties, including the possibility of fine and imprisonment for knowing violations, and for failure to comply with these permit requirements. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

Signature

03-04-2024
Date

Barry Holbrook
Printed Name

Owner
Title

MTE, LLC
Company Name

(901) 484-3485
Phone Number

43 Belleair Drive Memphis, TN 38104
Company Address

002736425
Secretary of State's Control No.